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One liner Question Bank For General Agriculture

1. Are a class of plant hormones that promote cell division in plant roots and shoots?
Ans.Cytokinin.
2. A hardening structure where in plants root after taken out from the in vitro media?
Ans.Mist chamber.
3. A plant hormone used to promote stem elongation& seed germination?
Ans.Gibberellin.
4. A popular garden fruit tree.?
Ans.Rambuttan.
5. A specialized garden for the cultivation and display of fern ?
Ans.Fernery.
6. An eg. for facultative apomicts?
Ans.Mango, Orange.
7. An agricultural practice of breeding and raising domestic rabbits?
Ans.Cuniculture.
8. An ancient Chinese art of growing trees and plants kept small similar to Bonsai ?
Ans.Penjing.
9. An art of creating miniature landscapes?
Ans.Saikei.
10. An art of growing trees or woody plants shaped as trees in containers ?
Ans.Bonsai.
11. Is the most commonly used medium in plant tissue culture experiments?
Ans.Murashige & Skoog medium.
12. Is the process of subjecting seeds to both cold and moist conditions to promote germination?
Ans.Stratification.
13. Is the second most expensive spice after saffron?
Ans.Vanilla.
14. Is the world's leading exporter of flowers?
Ans.Netherlands.
15. % of moisture is ideal for certified seeds of Rice?
Ans.13%.
16. -----& -----are gastropod pests of Orchid & Anthurium?
Ans.Slugs & Snails.
17. -----&-----are cucurbits used for treatment of Diabetis ?
Ans.Bitter gourd & Coccinia.

18. -----&-----are main components of cattle feed stuffs ?
Ans. Concentrates & Roughages.
19. -----&-----are structures used to harden plants in a agricultural nursery ?
Ans. Greenhouses & Mist chambers.
20. The Optimum spacing for wheat is-----
-----?
Ans. 22.5 cm (line to line).
21. -----&-----are the most common Gastropod pests?
Ans. Slugs & Snails.
22. -----&-----are the substances used for artificial rain simulation?
Ans. Silver iodide & Dry ice.
23. -----&-----are the vectors of yellow vein mosaic disease of Okra?
Ans. White fly & Leaf hopper.
24. -----&-----are two mechanisms that control the exchange of gases between the soil and the atmosphere?
Ans. Mass flow & Diffusion.
25. -----&-----are vegetables of Indian origin?
Ans. Brinjal & Snake gourd.
26. $(A \times B) \times (C \times D)$ are ?
Ans. Double cross hybrid .
27. In India the seeds act was enacted in the year -----by the parliament?
Ans. 1966.
28. Mechanical measures are adopted only where land slope is ?
Ans. >2%.
29. Most dangerous disease of potato?
Ans. Late blight (Phytophthora infestans).
30. National Seed Corporation (NSC) was registered in?
Ans. 1963.
31. Nucleus was discovered by?
Ans. Robert Brown (1983).
32. Pattambi local is a variety of ?
Ans. Horse gram.
33. Preethi is variety of ?
Ans. Bitter gourd.
34. World Food Day is observed on ?
Ans. 16th October 1945.
35. $\frac{1}{2}$ of the inter quartile range is ?
Ans. Quartile deviation.
36. 1 bale of cotton is equal to ?
Ans. 170 kg.
37. 1 st Hybrid variety of Pearl millet ?
Ans. HB-1 in 1965.
38. 14 commercial banks were nationalization on ?
Ans. 19th July, 1969.
39. 3rd oldest bank in India was established on ?
Ans. 1806 bank of calcatta.
40. 1st enzyme which was discovered by yeast ?
Ans. Zymase 1897 (Eduard buchner).
41. 1st Hybrid variety of sorghum?
Ans. CSH-1 (released in 1965).
42. 1st Intergeneric hybrid was ?
Ans. Raphano brassica (Radish x Cabbage).

43. 2,4-D belongs to the chemical group ?
Ans. Chloro phenoxy compound.
44. 2,4-D, Simazine, Atrazine and Fluchloralin belongs to the selectivity group ?
Ans. Selective herbicides.
45. 2,4-D controls only ?
Ans. Broadleaf weeds.
46. Fungicides like PMA & Atrazine at low concentration act as which type of antitranspirants ?
Ans. Stomatal closing.
47. -40°C is equal to ?
Ans. -40°F .
48. 70s type ribosome is found in ?
Ans. Mitochondria and Chloroplast.
49. 75% of rainfall is received by ?
Ans. S-W monsoon period (June-Sept).
50. 80 per cent phosphorus in bajra grains stored in the form of ?
Ans. Phytate.
51. A + B horizon is called ?
Ans. Solum.
52. A bacterium used in genetic engineering ?
Ans. E-coli (Agrobacterium tumefaciens).
53. A belt of trees and or shrubs maintained for the purpose of shelter from wind, sun, snow drift, etc. ?
Ans. Shelterbelts.
54. A biochemical process or reaction taking place in a test tube (in lab) ?
Ans. In vitro.
55. A biological indicator plant of Molybdenum deficiency ?
Ans. Cabbage.
56. A branch of agricultural science which deals with principles and practices of soil, water and crop management ?
Ans. Agronomy.
57. A building with glass walls and roof for the cultivation and exhibition of plants under controlled conditions is known as ?
Ans. Greenhouse.
58. A cabbage disease which is known to be more severe in acidic soils is ?
Ans. Black rot.
59. A central feature of a garden provides ?
Ans. Focal Point.
60. A certain part of energy received from the sun, is reflected back to space by the earth known as ?
Ans. Albedo.
61. A chemical effective in controlling alternate bearing in mango is ?
Ans. TIBA.
62. A chemical inducing abscission in plants ?
Ans. ABA.
63. A chemical inducing parthenocarpy in fruits is ?
Ans. 2,4,5-T.
64. A chemical used to test the viability of seeds ?
Ans. 2,3,5 triphenyl tetrazolium chloride.
65. A chemical with more herbicidal activity is ?
Ans. MCPA.

66. A close-growing crop, grown primarily to improve and protect the soil from erosion through their ground covering foliage and/or rootmats between periods of regular crop production?
Ans. Cover Crops.
67. A comprehensive scheme to alleviate mass poverty in rural India is ?
Ans. IRDP.
68. A condition in which either pollen is absent or non functional in flowering plants. ?
Ans. Male Sterility.
69. A condition of atmosphere at a given place at a given time. ?
Ans. Weather.
70. A cool season flower crop ?
Ans. Carnation.
71. A crop propagated by root cutting ?
Ans. Bread fruit, Blackberry, Rose, Fig, etc..
72. A crop suitable for acid soil ?
Ans. Rice.
73. A crop that can be successfully cultivated in Acid-saline soil ?
Ans. Paddy.
74. A crop, grown for direct sale rather than for livestock feed or a crop grown by a farmer primarily for sale to others rather than for his or her own use ?
Ans. Cash Crops.
75. A cropping system where the land is hands over the succeeding crop before the harvest of standing crop. ?
Ans. Relay or overlapping cropping.
76. A cucurbit used in confectionary ?
Ans. Ash Gourd.
77. Shelling percentage of pea ?
Ans. 49%.
78. A culture of isolated mature or immature embryos ?
Ans. Embryo culture.
79. A decision to continue full use of an innovation ?
Ans. Adoption.
80. A deep rooted crop is ?
Ans. Sweet potato.
81. A demonstration practice used to compare two technologies i.e. old and new ?
Ans. Result demonstration.
82. A diffusive process by which liquid water in the form of vapor is lost in the atmosphere ?
Ans. Evaporation.
83. A disease caused by methyl mercury (MeHg) poisoning of water at Japan in 1956 ?
Ans. Minamata.
84. A disease due to virus in rice ?
Ans. Tungro.
85. A disease that results in the collapse and death of seedlings before or after they emerge from the soil is known as ?
Ans. Damping off.
86. A DNA element which has the ability to move from one chromosomal position to another ?
Ans. Jumping gene.
87. A segments of DNA that encodes for the specific polypeptide chain ?
Ans. Cistron.

88. A drought tolerant vegetable?
Ans. Chekkurmanis.
89. A dwarfing root stock of apple is ?
Ans. M-9.
90. A family consists of husband, wife and their children known as ?
Ans. Nuclear family.
91. A farmer having an area of <1 ha ?
Ans. Marginal farmer.
92. A fertilized ovule consisting of intact embryo, stored food and seed-coat which is viable and has got the capacity to germinate ?
Ans. Seed.
93. A field soil sample weighing 60 g, lost 12 g on oven drying. What is the moisture percent on dry weight basis ?
Ans. 25%.
94. A figure obtained by dividing the sum of all variables by their total number of variables. ?
Ans. Averages/Arithmetic Mean.
95. A flowering plant with reddish orange flower is ?
Ans. Tithonia speciosa.
96. A fodder grass suitable for intercropping in coconut plantation ?
Ans. Guinea grass.
97. A forest system which promote commercial tree growing by farmers on their own land ?
Ans. Farm Forestry.
98. A fruit crop producing the highest tonnage per unit area is ?
Ans. Pineapple.
99. A fruit juice normally contains 25% juice and 40% TSS ?
Ans. Squash.
100. A fruit or vegetable impregnated with the cane sugar or glucose syrup ?
Ans. Candied fruit or vegetable.
101. A fruit plant propagated by vegetative method is ?
Ans. Banana.
102. A fruit plant which can be layered easily is ?
Ans. Litchi.
103. A fruit rich in fat content ?
Ans. Avocado (77 % fat).
104. A fruit rich in Vitamin –A content ?
Ans. Mango.
105. A fruit ripen only after harvest is ?
Ans. Avocado.
106. A fungal disease of mushroom ?
Ans. Soft mildew, brown plaster mould, green mould, bubble disease etc.
107. A funnel shaped cloud extending downwards is a characteristic feature of ?
Ans. Tornado.
108. A garden component making it larger is ?
Ans. Lawn.
109. A garden set below the level of the ground surrounding it is called ?
Ans. Sunken garden.
110. A good quality Coconut seedling should have a collar girth of ?
Ans. 10-12cm.

111. A granular insecticide ?
Ans.Furadan 3% granular form.
112. A green manure crop ?
Ans.Glyricidia.
113. A group of ornamental plants used to grow over walls, trellis, arches, pergolas, arbours, pillars, bowers etc. ?
Ans.Climbers and Creepers.
114. A guarantee programme for the people below poverty line. ?
Ans.National Food Security Mission (2007).
115. A heat treatment food material at 72°C for 15 seconds, or 63°C for 30 minutes ?
Ans.Pasteurization .
116. A high density planting in apple can accommodate ?
Ans.500-1250 plants/ha.
117. A hormone inducing dwarfism in plants ?
Ans.MH.
118. A hormone responsible for induction of dwarfism ?
Ans.MH.
119. A hormone used for flower induction ?
Ans.TIBA (Tri iodobenzoic acid).
120. A hormone used to increase fruit size is ?
Ans.GA-3.
121. A hybrid produced using nucleus of one parent cell and cytoplasm of both the cell ?
Ans.Cybrid.
122. A hybrid variety of grape Anab-e-Shahi X Bangalore Blue is ?
Ans.Arka hans.
123. A insect parasiting another insect ?
Ans.Parasitoid.
124. A journal in meteorology ?
Ans.Mausam.
125. A library composed of complementary copies of cellular mRNA ?
Ans.C-DNA.
126. A line indicates all possible combinations of two inputs which can be purchased with a given amount of investment fund ?
Ans.Iso-Cost line.
127. A line represents the different combinations of two variable inputs used in the production of a given amount of output.?
Ans.Isoquant.
128. A liquified gas used to fumigate soil against nematode and soil insects for raising rooted pepper cuttings ?
Ans.Methyl Bromide.
129. A liquid formulation of insecticide which contain a carrier ?
Ans.Water dispersible powder.
130. A low Percentage Base Saturation (PBS) in soil means ?
Ans.Acidity.
131. A man made cereal ?
Ans.Triticale (wheat x rye).
132. A market consisting of single buyer of a product and many sellers ?
Ans.Monosony market.
133. A mass of rotted organic matter made from waste ?
Ans.Compost.

134. A mechanism of self pollination in which flowers open but only after pollination has take place ?
Ans.Chasmogamy.
135. A medicinal Variety of Rice ?
Ans.Njavara.
136. A medium duration rice ?
Ans.Jaya.
137. A mental and/or physical reaction that makes through seeing ?
Ans.Learning experience.
138. A method by which food is kept out from spoilage after harvest ?
Ans.Preservation.
139. A method does not provide opportunity to practice selection for superior plant till F5 generations ?
Ans.Single seed descent method.
140. A method for improving specific traits i.e. plant height, disease resistancy ?
Ans.Pedigree method.
141. An Electric field is applied to cells in order to increase the permeability of the cell membrane, allowing chemical, drugs or DNA to be introduced into the cell ?
Ans.Electropermibilization or Electroporation.
142. A method in which 20 to 30 rural people or farmers are contacted in a group ?
Ans.Group-contact.
143. A method in which desirable scattered favourable genes are selected in different plants in each generation ?
Ans.Recurrent selection.
144. A method of breeding for wheat ?
Ans.Pure line selection method.
145. A method of breeding is appropriate for improvement of good variety. ?
Ans.Back cross method.
146. A method of breeding is not appropriate for cross pollinated crops ?
Ans.Pure line selection.
147. A method of hormone application not generally practiced is ?
Ans.Injection.
148. A method of plant analysis for assessing nutrient requirement in sugarcane is ?
Ans.Crop Logging.
149. A method which is not for handling segregating populations ?
Ans.Bulk method.
150. A modern method of cashew propagation is by ?
Ans.Soft wood grafting.
151. A multi seeded fruit ?
Ans.Tomato,jackfruit,watermelon,Apple.
152. A multinational seed company ?
Ans. Bayer (Monsanto).
153. A multistage sales tax with credit for taxes paid on business purchases. ?
Ans.VAT.
154. A natural hydrological unit having common runoff outlet point ?
Ans.Watershed.
155. A natural organic product which act as an insecticide and carrier ?
Ans.Oil of petroleum.

156. A natural warming process involving the interaction of sunlight and carbon dioxide and other gases from the atmosphere ?
Ans.Green house effect.
157. A non selective herbicide ?
Ans.Glyphosate.
158. A nut with no cholesterol ?
Ans.Nutmeg.
159. A plant with yellow flower is ?
Ans.Allamanda cathartica.
160. A parasite feeding on primary parasite ?
Ans.Secondary.
161. A partial substitute for petroleum diesel ?
Ans.Biodiesel.
162. A period of 4 consecutive weeks from May to mid October or 6 consecutive weeks during rest of the year ?
Ans.Agriculture drought.
163. A pest causing 5% to 10% crop loss is termed as ?
Ans.Minor Pest.
164. A pest causing less than 5% crop loss is termed as ?
Ans.Negligible Pest.
165. A pest causing more than 10% crop loss is termed as ?
Ans.Major Pest.
166. A pigment responsible for red colour in tomato ?
Ans.Lycopene.
167. A plant hormone in gaseous state ?
Ans.Ethylene.
168. A plant hormone used for rooting ?
Ans.IBA (Indole-3-butyric acid rooting hormone).
169. A plant requiring less than 12 hours day light is ?
Ans.Short day Plant (Tobacco, Cotton, Rice, Chrysanthemum, Soyabean etc).
170. A plant which closes stomata during day time and open at night time to collect CO₂ ?
Ans.Pineapple (CAM-Crassulacean Acid Metabolism).
171. A practice of turning un-decomposed fresh green plant tissue into the soil to improve fertility status and physical structure of the soil.?
Ans.Green Manuring.
172. A insect predatory larva on lac encrustation in the field ?
Ans.Holcocera.
173. A primary mineral containing Potassium ?
Ans.Feldspar.
174. ----- is the movement of substance from an area of high concentration to an area of low concentration ?
Ans.Diffusion.
175. A process in which the branch of a plant is cut off in order to produce a flush of new shoots ?
Ans.Pollarding.
176. A process of deciding in the present what to do in the future about the best combination of crops and live stock to be raised ?
Ans.Farm Planning.

177. A process of estimating costs, returns and net profit of a farm or a particular enterprise ?
Ans.Farm Budgeting.
178. A process of formation of somatic embryos from callus ?
Ans.Somatic Embryogenesis.
179. A process of removal/tipping of apical buds of Chickpea is termed as ?
Ans.Nipping.
180. A process of treatment of stalks for final fibre extraction is termed as ?
Ans.Retting.
181. A product prepared from strained pulp of fully ripe tomato fruits after cooking ?
Ans.Tomato Sauce/Ketchup.
182. A progeny of single homozygous, self pollinated crops ?
Ans.Pure line.
183. A programme to provide atleast 100 days wage employment in rural areas ?
Ans.National Rural Employment Guarantee Act (NAREGA, 2006).
184. A protective plantation in a certain area, against strong winds.It is usually comprised of a few rows of trees (or shrubs) ?
Ans.Wind breaks.
185. A pruning process in which a circular ring of bark measuring about 3 cm in length is removed.?
Ans.Ringing/Girdling.
186. A published material on a small paper in which there is brief information of a subject ?
Ans.Leaflet.
187. A reduvid predator of Rhinoceros beetle ?
Ans.Platymerus.
188. A respective cultivation of an ordered succession of crops or crops and fallow in the same land is ?
Ans.Crop rotation.
189. A rice pest that can be controlled by draining water ?
Ans.Case worm.
190. A rice variety tolerant to BPH ?
Ans.Mahamaya.
191. A science of decision making ?
Ans.Farm Management
192. A seed is composed of-----,-----&----- ?
Ans.Embryo , Endosperm & Seed coat.
193. A seedless variety of Mango ?
Ans.Sindhua.
194. A seedless variety of Pomegranate ?
Ans.Ganesh.
195. A segment of DNA that codes for a specific characters ?
Ans.Gene.
196. A self replicating, extra-chromosomal genetic material found in plant cell ?
Ans.Plastids.
197. A semi-solid transparent product prepared from pectin containing fruit ?
Ans.Jelly.
198. A series of illustrated cards flashed before a group in proper sequence to tell a complete story step by step to the group of the learners. ?
Ans.Flash cards.

199. A shade loving leafy vegetable ?

Ans. Water leaf.

200. A sheet of paper with pictorial slogan, which is utilized to attract the mass attention for single idea.?

Ans. Poster.

201. A single cross (A x B) x OP variety ?

Ans. Double top cross.

202. A single DNA molecule condensed into a compact structure in vivo by complexing with accessory histones or histone-like proteins. ?

Ans. Chromosome.

203. A single gene affecting more than one character/governing multiple traits ?

Ans. Pleiotropy.

204. A single practice demonstration used to show method of sowing ?

Ans. Method demonstration .

205. A situation in which a crop needs more of a given nutrient yet has shown no deficiency symptoms ?

Ans. Hidden Hunger.

206. A small published book consisting of 24 to 48 pages ?

Ans. Bulletin.

207. A soil having more sodium salt, more than 8.5 PH and 15 ESP ?

Ans. Alkali soil.

208. A soil with pH value 4.7 can be termed as ?

Ans. Acidic.

209. A statement of situation, objectives, problems and solutions ?

Ans. Programme.

210. A specific way adopted by the communicator to communicate his message effectively so that whole message is understood by maximum number of audience. ?

Ans. Treatment of message.

211. A substance used for artificial rain stimulation ?

Ans. AgI/dry ice.

212. A system of tillage in which organic residues are not inverted into the soil and used as a protective cover against erosion and evaporational losses of soil moisture ?

Ans. Conservation tillage or stubble mulch tillage.

213. A systematic display of models, specimens, charts, real objects and any informative materials. ?

Ans. Exhibition.

214. A tall pea plant (DD) and a tall pea plant (Dd) have what in common ?

Ans. Phenotype.

215. A technique to rejuvenate unproductive and senile cashew trees ?

Ans. Top working.

216. A thin layer of meristematic cells located between phloem and xylem ?

Ans. Cambium.

217. A time based market basically for perishable goods ?

Ans. Short period market.

218. A transgenic plant containing genes from both potato and tomato plants ?

Ans. Pomato.

219. A typical climacteric fruit is

Ans. Banana

220. A transparent picture or photograph in an individual mount, projected through slide projector ?
Ans.Slides.
221. A typical distinguishable character of an Acuminata banana is ?
Ans.Pseudostem colour.
222. A typical hopper burn in rice is caused by feeding of ?
Ans.BPH.
223. A variety of mango used for pulp extraction for soft drinks ?
Ans.Totapuri.
224. A variety produced by crossing in all combinations a number of lines that combine well each other ?
Ans.Synthetic variety.
225. A variety produced by mixing the seeds of several phenotypically outstanding lines (varieties) ?
Ans.Composite variety.
226. A vertical section of soil through all its horizons ?
Ans.Soil Profile .
227. A weather abnormality form is ?
Ans.Cyclone.
228. A weather condition over a given region during a longest period. ?
Ans.Climate.
229. A weed causes off flavour in wheat flour ?
Ans.Wild rice.
230. A weed used for rope making ?
Ans.Thatch grass .
231. A working soil sample weighs ?
Ans.500 gm.
232. $A \times B = F_1$?
Ans.Single cross hybrid .
233. A young cucumber suitable for pickling ?
Ans.Gherkin.
234. Flowering Setting Hormone is ?
Ans.NAA.
235. A+B+C horizons together called as ?
Ans.Regolith.
236. A+B+Parent material is referred to as ?
Ans.Regolith.
237. AAY means ?
Ans.Antyodaya Anna Yojana .
238. Ability of a plant cell to grow & develop to a complete plant is called ?
Ans.Totipotency.
239. Abiotic environment does not include ?
Ans.Plants.
240. Abnormal leaf fall of Rubber normally occurs in period ?
Ans.June-Aug.
241. Abnormal leaf fall (Phytophthora palmivora) is a fungal disease of ?
Ans.Rubber .
242. About 50-75% of soil erosion by wind is carried out by ?
Ans.Saltation.
243. Abscisic acid is synthesized from ?
Ans.Actively growing points.

244. Absorbed of water against a concentration gradient by using energy released from respiration is called as ?
Ans.Active absorption.
245. Acalypha , Hibiscus , Ixora are ?
Ans.Ornamental shrubs.
246. Acarapis mite infests ?
Ans.Adult bees.
247. Acaricides are those pesticides which can kill ?
Ans.Mites.
248. According to Beufort's scale winds are classified into ?
Ans.12 classes.
249. According to IISS, the particle size of coarse sand ?
Ans.2 - 0.2 mm.
250. According to NBSSLUP, Agro Ecological Regions in India are ?
Ans.21.
251. According to Planning Commission, Agro Climatic Zones in India are ?
Ans.15.
252. Acid present in ant ?
Ans.Formic acid.
253. Acidic soils have more-----ions & less-----ions ?
Ans.H+ & OH-.
254. Acidity % in pineapple fruit is favoured increased by ?
Ans.Shade.
255. Acid-saline soils have a pH range of ?
Ans.3 to 5.
256. Science, production and study of grapes ?
Ans.Viticulture.
257. Active ingredient present in Bael ?
Ans.Marmelosin.
258. Actual quantity of water held by a certain quantity of air is called ?
Ans.Absolute Humidity (g/m³).
259. Adams fig ?
Ans.Banana
260. Adiantum & Nephrolepis are ?
Ans.Ferns.
261. Adsali sugarcane crop planted during the months ?
Ans.July–August (16-18 month).
262. Adult Lepidopterans like----- are pests of crops ?
Ans.Fruit moths.
263. Advent of Green Revolution was in ?
Ans.late 1960.
264. Aerobic organisms require gaseous-----for their activity ?
Ans.O₂.
265. African payal (salvinia) is biologically controlled by ?
Ans.Cyrtobagous weevils.
266. Weed control in pea crop recommended herbicide is ?
Ans.Propanol.
267. AGMARK full form ?
Ans.Agriculture Produce(Grading & Marketing) Act.

268. AGMARK Act was passed in ?
Ans.1937.
269. AGMARKNET ?
Ans.Agricultural Marketing Information Network.
270. Agricultural Technology Information Centre (ATIC), first started at ?
Ans.New delhi in- 1998-99 (by ICAR).
271. Agriculture growth rate target for 11th five year plan is ?
Ans.4%.
272. Agriculture Insurance Company of India Limited is a public sector undertaking has its headquarters at ?
Ans.New Delhi (2002).
273. Agriculture sector provides employment to % of country's workforce ?
Ans.42.38 % (2019).
274. Agriculture Universities established granted by ?
Ans.Land Grant College.
275. Agroforestry is a form of ?
Ans.Multiple cropping.
276. Agromet observations are taken twice daily at ?
Ans.7 & 14 hrs LMT.
277. Agromet observatories in Agricultural Universities are normally ?
Ans.B type.
278. Agronomical measures are adopted only where land slope is ?
Ans.< 2%.
279. "Agronomy" word is derived from words ?
Ans.Greek (agros+nomos).
280. Agrostology' is the study of ?
Ans.Fodder grasses.
281. Jai Jawan Jai Kisan Jai Vigyan was a slogan given by ?
Ans.Atal Bihari Vajpayee.
282. Air layering is also called ?
Ans.Gooty.
283. Air layering is practiced in ?
Ans.Jasmine/Hibiscus/Guava/Cashew/Sapota.
284. Air layering was first practiced in ?
Ans.China.
285. Air temperature, humidity, pressure, wind speed & direction in the upper atmosphere is measured by ?
Ans.Radiosonde.
286. Air layering is mostly used in ?
Ans.Guava,citrus,pomegranate.
287. Aiswarya is a-----variety of Rice ?
Ans.Medium duration (120-125 days), suitable for kharif and rabi season.
288. Akiochi disease is caused by ?
Ans.H2S toxicity.
289. Alachlor, Butachlor and Propanil belong to the chemical group ?
Ans.Amide.
290. Albedo of grass is ?
Ans.20-25%.
291. Albizzia is a ?
Ans.Ornamental shade tree.

292. Alkaline soil is also called as ?
Ans.Solanetz and Black alkali.
293. Alkaline soils have more-----ions & less- -----ions ?
Ans.OH- & H+.
294. Alkaloid content present in sorghum leaves ?
Ans.HCN (Dhurin alkaloid).
295. All actual expenses in cash and kind incurred in production by owner operator ?
Ans.Cost-A.
296. All India Soil and Land Use Survey Head Quarters is located at ?
Ans.IARI New delhi.
297. All insecticides are pesticides, but not all pesticides are insecticides". whether the above statement is True/False ?
Ans.True.
298. All the populations of the different species living and interacting in the same ecosystem ?
Ans.Community.
299. All weather phenomena (i.e. Rain, fog, frost, clouds) occur in the zone of ?
Ans.Troposphere.
300. Allahabad Safeda & Lucknow-49 are varieties of ?
Ans.Guava.
301. Alleppey' is a variety of ?
Ans.Turmeric.
302. Allocation of treatments to the different experimental units by a random process ?
Ans.Randomization.
303. Alphanso is a variety of ?
Ans.Mango.
304. Alternaria blight of mustard is caused by ?
Ans.Alternaria brassicae.
305. Alternaria blight or leaf spot of sunflower is caused by ?
Ans.Alternaria helianthi.
306. Alternate forms of a gene ?
Ans.Allele.
307. Alternate host of black stem rust of wheat in India is ?
Ans.Berberries sp.
308. Rhizoctonia bataticola is a disease related to which crop ?
Ans.Soyabean.
309. American Agricultural Scientist who won Nobel Peace Prize in 1970 ?
Ans.Norman E. Borlaug (Green revolution).
310. American/upland/new world cotton is ?
Ans.G. hirsutum.
311. Amid form of N fertilizer ?
Ans.Urea.
312. Ammonical fertilizers are not ideal forsoil ?
Ans.Alkaline.
313. Amount of Water vapour present in a unit volume of air ?
Ans.Absolute humidity.
314. Amount of Water vapour present in kilogram of air ?
Ans.Specific humidity.
315. Amrapalli is a cross of ?
Ans.Dashehari × Neelam.

316. Amritmahal is a -----breed of cattle ?
Ans.Draught breed .
317. An acaricide effective against all stages of red spider mite and bee mite (Acarapis woodi) is ?
Ans.Chlorobenzilate.
318. An aggregation of minute drops of water suspended in the air at higher altitude termed as ?
Ans.Clouds.
319. An agro-machinery used for sowing operations ?
Ans.Seed Drill.
320. An alternate host of rice stem borer ?
Ans.Panicum repens.
321. An annual flowering plant grown throughout the year ?
Ans.Balsam.
322. An appropriate combination of farm enterprises viz., cropping system, livestock, poultry, fisheries and the means available to the farmer to raise them for increasing profitability is called as ?
Ans.Farming system.
323. An arbor formed of columns supporting trelliswork on which climbing plants are often trained is known as ?
Ans.Pergola.
324. An art of growing and training of a plant to a miniature form having a natural look of old age ?
Ans.Bonsai.
325. An attention with a sense of concerns focused upon some object ?
Ans.Interest.
326. An average % of solar radiation reaching to the earth ?
Ans.70.
327. An average size of rain drop ?
Ans.2 mm diameter.
328. An earwig preying on *Oryctes rhinoceros* ?
Ans.Cheisoches moris.
329. An easy technique of insecticide application in household ?
Ans.Aerosol bomb.
330. An educational process to bring about desirable changes ?
Ans.Extension.
331. The respiratory roots are called as?
Ans.Pneumatophores.
332. An element making a constituent of Vitamin B12 is ?
Ans.Cobalt.
333. An element needed for nodule formation in leguminous crops ?
Ans.Boron.
334. An element not essential but useful to rice ?
Ans.Silicon.
335. An element responsible for change in flower colour of *Hydrangea* is ?
Ans.Aluminium.
336. An energy spending process ?
Ans.Photorespiration.
337. Degradation of land in arid, semi arid and dry sub humid areas by human activities and climatic variation ?
Ans. Desertification .

338. An exact genetic replica of a specific gene or an entire organism. ?
Ans. Clone.
339. An example of blast sprayer ?
Ans. Hand atomizer/ flit pump.
340. An example of trap cropping ?
Ans. Bhindi around cotton.
341. An expression of one gene depends on the presence or absence of another gene in an individual. ?
Ans. Epistasis/gene interaction.
342. An extension teacher help farmer to attain desirable changes in his ?
Ans. Behaviour.
343. An ideal about the flatness/peakedness of the curve ?
Ans. Kurtosis.
344. An ideal condition of soil texture for crop growth ?
Ans. Medium textured soil.
345. An ideal plant for indoor gardening is ?
Ans. Ficus.
346. An important component of Japanese garden is ?
Ans. Water, plants, rocks etc.
347. An important male sterility source of sorghum ?
Ans. Tift 60.
348. An insecticide with strong contact and fumigant action ?
Ans. Diazinon.
349. An insect controlled by male sterilization technique in the South Pacific Island ?
Ans. Dacus Cucurbitae.
350. An Official document that indicates that plant material has been inspected by competent authority and found to be free of certain pathogens is termed as ?
Ans. Phytosanitary Certificate.
351. An organism capable of causing disease ?
Ans. Pathogen.
352. An organism that lives at the expense space of another organism(host) which it does not usually kill is known as ?
Ans. Parasite.
353. An understood information possessed by a person ?
Ans. Knowledge.
354. An unwanted plant, growing where it is not desired ?
Ans. Weed.
355. Anabaena azollae is a ?
Ans. Bio-fertilizer.
356. Anabaena is a ?
Ans. Blue Green Algae.
357. Anabasine in an alkaloid in ?
Ans. Tobacco.
358. Anaerobic decay of organic matter produces-----&-----?
Ans. CO₂& Organic acid
359. Anaerobic environment in rice soil is responsible for gaseous loss of fertilizer nitrogen by ?
Ans. Denitrification.
360. Anakkayam-1, Madakkathara-1, Kanaka, Dhana are varieties of ?
Ans. Cashew.

361. Angular distance measured from equator is ?
Ans.Latitude.
362. Animal by-product used to prepare ice-cream ?
Ans.Gelatin.
363. Annapoorna is a -----variety of Rice ?
Ans.Short duration (95-100 days).
364. Annual carnation is propagated by ?
Ans.Seeds.
365. Annual rainfall of CG ?
Ans.1190mm.
366. Anther or pollen culture technique is used to obtained ?
Ans.Haploid plants.
367. Anthracnose of guava is caused by ?
Ans.Collectotrichum psidii.
368. Anthracnose/fruit rot/Die back of chilly is caused by ?
Ans.Collectotrichum capsici.
369. Anthrax in cattle is caused by ?
Ans.Bacteria (Bacillus anthracis).
370. Anti-cancer property of cabbage is due to ?
Ans.Indole-3-Carbinol.
371. Any change in form ,structure & appearance of an animal between birth and maturity is referred to as ?
Ans.Metamorphosis.
372. Any crop or combination of crops is grown for grazing or harvesting for immediate or future feeding to livestock ?
Ans.Ley Crops.
373. Any organism detrimental to man or his property in causing damage of significant economic importance is called ?
Ans.A Pest.
374. Any plant in the wrong place is termed ?
Ans.Weed.
375. Aonla is commercially propagated by ?
Ans.Inarching (soft wood grafting).
376. Aparajitha & Chandrama are varieties of ?
Ans.Chrysanthemum.
377. Apis cerana indica is commonly known as ?
Ans.Indian Honeybee.
378. Apis florea is ?
Ans.The red dwarf honeybee.
379. Apis mellifera (European honey bee) is domesticated in the bee box ?
Ans.Langstroth.
380. Apis mellifera is known as ?
Ans.European honeybee or Italian honeybee.
381. Apoenzyme + Prosthetic group ?
Ans.Holoenzyme.
382. Apple bowl of India ?
Ans.Himachal Pradesh.
383. Apple is commercially propagated by ?
Ans.Tongue grafting, shield budding and Whip budding.
384. Application of Bordeaux paste is recommended to control ?
Ans.Bud rot in Coconut.
385. Applied use of molecular biology and recombinant DNA Technology known as ?
Ans.Biotechnology.

386. Approach grafting is also known as ?
Ans. Inarching.
387. Approach grafting is practiced in ?
Ans. Mango/Sapota/Artocarpus.
388. Arabica & Robusta are varieties of ?
Ans. Coffee.
389. Arboriculture is the study of ?
Ans. Growing trees.
390. Peaty soils are generally deficient of ?
Ans. Cu.
391. -----are nocturnal Lepidopterans ?
Ans. Moths.
392. -----are plants which require very low moisture/rainfall ?
Ans. Xerophytes.
393. -----are Primary macronutrients ?
Ans. N, P & K..
394. -----are structures with thick growing shrubs neatly trimmed in the shape of animal, birds.
Ans. Topiaries.
395. -----are Superior quality cut flowers.
Ans. Extra class.
396. -----are the bio-control agents of water hyacinth.
Ans. Neochetina weevils/Orthogalumna mite.
397. -----are the economic part of Orchids.
Ans. Spikes.
398. Which Indian states having maximum usage of herbicides ?
Ans. Punjab And Haryana.
399. Which is known as 'SILENT KILLERS' causing most extensive crop loss among all major pests ?
Ans. Weeds.
400. -----are the larvae of Beetles ?
Ans. White Grubs.
401. -----are the larvae of Flies ?
Ans. Maggots.
402. -----are the planting materials for Banana ?
Ans. Sword suckers.
403. -----are the planting materials of Pineapple ?
Ans. Suckers, Slips, Crown.
404. Arid regions normally receives a rainfall of ?
Ans. Less than 500 mm.
405. ARIS- Agricultural Research Information System, established by ?
Ans. ICAR, 1995 .
406. Arka Gaurav and Arka Mohini are varieties of ?
Ans. Chillies.
407. Arka Hans (Grape Variety) is a cross of ?
Ans. Banglore Blue × Anab-e-shahi.
408. Arka Jyothi is a hybrid variety of ?
Ans. Watermelon.
409. Arka Kirthiman and Arka Lalima are two new varieties of which crop & introduced by ?
Ans. Indian Institute of Horticulture Bangalore (Onion).
410. Arka Swetha is a variety of ?
Ans. Grapes.

411. Arnon and Stout discovered the essentiality of ?
Ans.Mo.
412. Aroma in rice is due to presence of ?
Ans.2 acetyl-1-pyrroline (2AP).
413. Aromatic and Medicinal Plants Research Station' is located at ?
Ans.Odakkali .
414. Arrangement of soil particle in a soil mass ?
Ans.Soil structure.
415. Arrowing practice is done ?
Ans.Sugarcane.
416. Arun', 'Kannara local' are varieties of ?
Ans.Amaranthus.
417. Mahamaya & Bamleshwari are varieties of ?
Ans.Rice.
418. As a source of N, potato crop require fertilizer of ?
Ans.Potassium nitrate.
419. Asataf is the trade name of ?
Ans.Acephate
420. Aseel is a breed of ?
Ans.Fowl.
421. Asexual propagation is also known as ?
Ans.Vegetative propagation.
422. Asian Vegetable Research and Development Center (AVRDC) is located in ?
Ans.Taiwan 1971.
423. Associated weeds of wheat ?
Ans.Phalaris minor, Avena fatua and Chenopodium album.
424. Asymbiotic N₂ fixing bacteria ?
Ans.Azotobactor and Azospirillum.
425. At field capacity availability of moisture is ?
Ans.Maximum.
426. ATIC (Agriculture technology information centre) also Known as ?
Ans.Single Window System.
427. Atmospheric pressure is measured by ?
Ans.Barometer.
428. Atmospheric pressure normally----- with increase in altitude ?
Ans.Decrease.
429. Atmospheric water is known as ?
Ans.Green water.
430. Attention, interest, desire, conviction action, satisfaction are the steps of ?
Ans.Extension teaching.
431. Average annual Rainfall in India ?
Ans.1195 mm.
432. Average annual rainfall of India ?
Ans.400 Mha-m.
433. Average of the daily mean temperature of all days in a month is ?
Ans.Monthly mean.
434. Average soil loss million tonnes/year in India is ?
Ans.5333 (16.35 tonnes per ha).
435. Avian influenza in poultry is caused by ?
Ans.H5N1 Virus.
436. Avocado belong to the family ?
Ans.Lauraceae.

437. Azotobacter can fix atmospheric nitrogen/ha to the soil.?
Ans.20-30 kg.
438. AZHUKAL/CAPSULE ROT is a fungal disease affecting ?
Ans.Cardamom.
439. Azolla is a-----plant ?
Ans.Water fern.
440. Bacillus thuringiensis is effective in control of many pests belong to the group ?
Ans.Lepidopterean.
441. Which crop is known as backbone of America?
Ans.Wheat.
442. Bacterial blight disease is ?
Ans.Internally seed borne.
443. Bacterial blight of cotton is caused by ?
Ans.Xanthomonas malvacearum.
444. Bacterial Leaf Blight in Rice is caused by ?
Ans.Xanthomonas oryzae.
445. Bacterial rot of wheat ears is also known as ?
Ans.Spike blight/Tundu/Yellow slime disease.
446. Bacterial Wilt of Brinjal is caused by ?
Ans.Pseudomonas solanacearum .
447. BAIT TRAPPING' is an example of method of insect pest control ?
Ans.Mechanical.
448. Balankotta and Kalluvally are ?
Ans.Pepper varieties.
449. Banana inflorescence is known as ?
Ans.Spadix.
450. "Balwanth Rai Mehta Committee" is associated with ?
Ans.Panchayati Raj System.
451. Banana aphid act as vector for the transmission of-----disease in Banana ?
Ans.Bunchy top.
452. Red soil is red coloured due to ?
Ans.Ferric Oxides.
453. National Research Centre for Banana is located?
Ans.Tamilnadu.
454. Newly formed alluvial soil is called ?
Ans.Khadar.
455. Basic chromosome/Genomic number is ?
Ans.X.
456. Basic fundamental law of agriculture is ?
Ans.Law of diminishing return .
457. Bavistin is the trade name of ?
Ans.Carbendazim.
458. Bearing habit of mango is ?
Ans.Terminal.
459. Beaufort's scale is used to measure ?
Ans.Wind speed.
460. Bee Keeping is known as ?
Ans.Apiculture.
461. Bee-box recommended in our conditions is ?
Ans.Langstroth beehive.
462. Beetles belong to the order ?
Ans.Coleoptera.
463. Beetles have-----type of mouth parts ?
Ans.Biting & Chewing.

464. Bench Terracing is practiced on ?
Ans. Steep slopping (16-33%) and undulated land.
465. Beneficial elements of nutrients are ?
Ans. Rb, Sr, Se, Ni, Cr, Al and As.
466. Benefit Cost Ratio is ?
Ans. Gross income / Cost C.
467. Bengal famine of 1943 was due to a ?
Ans. Fungus.
468. Bengal famine of 1943 was due to the failure of Rice crop affected by ?
Ans. Brown spot disease caused by Helminthosporium oryzae.
469. Ber fruits are matured at ?
Ans. 5-6 months after flowering.
470. Ber is commonly known as ?
Ans. Poor man's fruit and king of arid fruits.
471. Berlo Model of communication (1960) ?
Ans. Source Encoder Message Signal Decoder Receiver.
472. Berseem is also known as ?
Ans. Egyptian clover.
473. Best and cheap mulch to minimize wind erosion ?
Ans. Stubble mulch.
474. Best method for irrigation of citrus ?
Ans. Ring method .
475. Best method of extraction of tomato seed ?
Ans. Acid method .
476. Best method to control stored grain pest is ?
Ans. Fumigation.
477. Best pH for cultivation of rice is ?
Ans. 4-6 pH.
478. Best soil for cultivation of chickpea ?
Ans. Light alluvial soil (a loose and well aerated soil).
479. Best soil structure for plant growth is ?
Ans. Crumb/ granular.
480. Best sowing time of rabi sunflower is ?
Ans. November 1st to 2nd week.
481. Best stage for harvesting of oat is ?
Ans. Dough stage.
482. Best suited variety for high density planting of papaya ?
Ans. Pusa nanha (1.25m×1.25m).
483. Best time for pruning of ber ?
Ans. End of May to Mid June.
484. Best variety of potato for chips making ?
Ans. Nendran.
485. BHC (Benzene Hexa Chloride) is now commonly known as ?
Ans. HCH-HEXA CHLORO CYCLO HEXANE.
486. Biggest river basin of India ?
Ans. Ganga.
487. Bio energy plant ?
Ans. Jatropha.
488. Biochemically weathered upper portion of Regolith is ?
Ans. Soil.
489. Biocontrol agent of Salvinia ?
Ans. Cyrtobagous salviniae weevil.

490. Bio control of Foot rot in Black Pepper involves use of ?
Ans. Trichoderma/VAM/pseudomonas.
491. Bio-drainage plant ?
Ans. Eucalyptus tereticornis.
492. Plant that absorb dew very efficiently ?
Ans. Horse Gram.
493. Biological control of African Payal is successfully done by ?
Ans. Cytobagus salviniae.
494. Biologically active form of glucose ?
Ans. D- Dextrose form.
495. Bio-super is made up of ?
Ans. Rock phosphate + Sulphur + Sulphur oxidizing bacteria.
496. BIPOLARIS is used to control weed ?
Ans. Johnson grass/Barnyard grass.
497. Birds belong to the phylum ----- and class -----?
Ans. Chordata & Aves.
498. Bitterness in cucumber is due to ?
Ans. Cucurbitacin.
499. Bitterness in jute is due to ?
Ans. Corchorin.
500. Black arm or bacterial blight of jute is due to ?
Ans. Xanthomonas compestris.
501. In which district of Kerela black cotton soil is seen most ?
Ans. Chittoor, Palakkad.
502. Black revolution is related to ?
Ans. Bio fuel (Jatropha) production.
503. Black Cotton soils seen in the Chittoor Taluk of Palakkad district is essentially----- in reaction ?
Ans. Alkaline.
504. Black Headed Caterpillar of Coconut is controlled by using the larval parasitoid ?
Ans. Bracon brevicornis/Goniozus nephantidis/Elasmus nephantidis.
505. Black rot of cabbage is caused by ?
Ans. Xanthomonas compestris .
506. Black soil belongs to the soil order?
Ans. Vertisol.
507. Black soil contains the clay mineral ?
Ans. Montmorillonite clay (2:1) .
508. Black soil shows black colour due to compound ?
Ans. Mn and High organic matter.
509. Black tip/Mango necrosis is caused by ?
Ans. SO₂ & CO₂ gases released from brick links.
510. Blast in rice can be controlled by ?
Ans. Agrosan & Ceresan 2g/kg of seed.
511. Bleaching powder application is a method to control ?
Ans. Bacterial Leaf Blight.
512. Blister blight is a disease of ?
Ans. Tea.
513. Blitox is the trade name of ?
Ans. COC.
514. Blossom end rot of tomato is due to ?
Ans. Ca deficiency.

515. Blue colour of the sky and red colour of sunset is due to ?
Ans. Dispersion.
516. Blue green Algae associated with azolla ?
Ans. Anabaena.
517. Blue revolution is related to ?
Ans. Fish production.
518. Founder of Blue revolution is ?
Ans. Dr. Hiralal Choudhary 1957.
519. Body of this rice pest is pink to red in colour and is covered with a white waxy meal ?
Ans. Rice mealy bug.
520. Boiling point of water in the Fahrenheit scale is ?
Ans. 212.
521. Boiling point of water in the Kelvin scale is ?
Ans. 373.15K
522. Bonsai was originated in-----& popularized in-----?
Ans. China, Japan.
523. Bordeaux mixture act as -----against chrysomelid beetles and leaf hoppers.
Ans. Repellent
524. Bordeaux mixture is mainly used for ?
Ans. Foliar application.
525. Bordeaux paste is mainly used for ?
Ans. Wound dressing.
526. Botanical name of bottle gourd ?
Ans. Lagenaria siceraria.
527. Botanical name of Desi/Brown Chickpea ?
Ans. Cicer arietinum.
528. Botanical name of Fieldpea ?
Ans. Pisum sativum var. Arvense.
529. Botanical name of Garden pea ?
Ans. Pisum sativum var. Hartense.
530. Botanical name of Kabuli/White Chickpea ?
Ans. Cicer kabulium.
531. Botanical name of jack fruit ?
Ans. Artocarpus heterophyllus.
532. Botanical name of nut grass ?
Ans. Cyperus rotundus .
533. Botanical name of Pearl millet ?
Ans. Pennisetum glaucum.
534. Botanical name of sorghum is ?
Ans. Sorghum bicolor.
535. Botanical name of two rowed barley ?
Ans. Hordeum distichoum.
536. Both blight and Rust resistant varieties of wheat are ?
Ans. UP 2425, PBW 273, WH 291.
537. Both eye reading and self-recording instruments are there in ?
Ans. Class A observatory.
538. Bordeaux mixture discovered by ?
Ans. Pierre-Marie-Alexis Millardet.
539. Bougainvillea is a ?
Ans. Ornamental climber.
540. Bougainvillea is propagated by ?
Ans. Simple layering.
541. Bragg & Silajeet is a variety of ?
Ans. Soybean.

542. Branch of Agriculture deals with plant disease ?
Ans. Phytopathology.
543. Branches used for bush pepper propagation ?
Ans. Plagiotropes.
544. Brassica juncea was evolved from ?
Ans. B. campestris x B. nigra.
545. Brassica nigra was evolved from ?
Ans. B. campestris x B. oleracea.
546. Braula fly is ectoparasitic on ?
Ans. Queen bee.
547. Brazilian, Carribean, Townsville, Shrubby are types of ?
Ans. Stylosanthes.
548. Breadfruit is vegetatively propagated by ?
Ans. Root cuttings.
549. Breaking of dormancy with H₂SO₄ ?
Ans. Cotton.
550. Breeder's seed is otherwise known as ?
Ans. Nucleus seed.
551. Breeding refers to selection procedure in which the segregating population of self pollinated species is grown without selections ?
Ans. Bulk .
552. Brindavan garden of Mysore is an example of-----type of garden ?
Ans. Formal.
553. Brindavan gardens is located in ?
Ans. Mysore, Karnataka.
554. Brinjal fruits are good source of ?
Ans. Vit.-B.
555. Brinjal is also known as ?
Ans. Egg plant.
556. Brix reading of juice indicates ?
Ans. Total soluble solids.
557. Brown revolution is related to ?
Ans. Non-conventional energy source.
558. Grey revolution is associated with ?
Ans. Fertilizer.
559. Brown spot disease in Rice is caused by ?
Ans. Fungus (Helminthosporium oryzae).
560. Bryophyllum is propagated by ?
Ans. Leaf cutting.
561. Bt cotton is resistant against the pest ?
Ans. Helicoverpa (Spotted bollworm).
562. Bt genes are introduced in cotton against the pest ?
Ans. Cotton Bollworm.
563. Bud rot in Coconut is caused by ?
Ans. Phytophthora palmivora (fungus).
564. BUGS possess-----type of mouth parts ?
Ans. Piercing & Sucking.
565. Bulk method was 1st used by ?
Ans. Nilson Ehle (1908).
566. Bunch/Spanish/Erect type groundnut is ?
Ans. Arachis hypogaea fastigate.
567. Bunchy top of banana is caused by ?
Ans. Virus.
568. Bureau of Indian standards was established in ?
Ans. 23 December 1986.

569. Burgundy Mixture is a ----- fungicide ?
Ans. Copper Fungicide.
570. Burning quality of Tobacco decreased due to ?
Ans. Chloride.
571. Bush pepper is raised from-----of pepper ?
Ans. Lateral branches-plagiotropes.
572. By-product of Sugarcane ?
Ans. Molllasses and Baggasses.
573. Common Viral disease of poultry ?
Ans. Ranikhet disease.
574. C₃ cycle is also known as ?
Ans. Blackman reaction .
575. C₃ plants are ?
Ans. Rice, Wheat, Pea, Soybean etc.
576. C₃/Dark reaction/Calvin cycle take place in ?
Ans. Stroma of Chlorophyll.
577. C₄ cycle is also known as ?
Ans. Hatch and slack pathway.
578. C₄ plants are ?
Ans. Maize, Sorghum, Sugarcane, millets, Pineapple etc.
579. C₄ plants have ?
Ans. Kranz type leaf .
580. C₄ plants normally give more biological yield than C₃ plants because of ?
Ans. Less respiration.
581. C₄ plants prefer comparatively higher temperature than ?
Ans. C₃.
582. C₄/Light reaction/Hill reaction take place in ?
Ans. Grana of Chlorophyll.
583. Ca is essential for ?
Ans. Cell wall formation.
584. Ca, Mg and S are ?
Ans. Secondary macronutrients.
585. Cabbage's economic part is ?
Ans. Green leaves.
586. CaCO₃ is used to improve the soil Condition of ?
Ans. Water logged soil.
587. CACP (1965) stands for ?
Ans. Commission for Agricultural Costs and Prices.
588. CADA means ?
Ans. Command Area Development Authority.
589. Inflorescence of sugarcane is known as ?
Ans. Arrow.
590. CALIXIN' is the trade name of ?
Ans. Tridemorph.
591. CAM denotes ?
Ans. Crassulacean Acid Metabolism.
592. -----can be grown as a hedge plant ?
Ans. Polyalthia/Casuarina/Acalypha/Phyllanthus/Bougainvillea.
593. -----can be grown as an intercrop in Coconut gardens ?
Ans. Congosignal Grass.
594. -----can be used as a food preservative ?
Ans. Benzoic acid & Sulphur dioxide/Sio2 & KMS.

595. -----Can be utilized as a Molluscicide ?
Ans. Metaldehyde/Carbofuran/Phorate/Copper sulphate/Sodium chloride.
596. -----can be utilized to produce virus free plants ?
Ans. Meristem culture.
597. Capability of an isolated single cell to multiply and differentiate into multicellular organism ?
Ans. Totipotency.
598. Capillary movement of water is complemented by ?
Ans. Root extension.
599. Cardamom is propagated vegetatively by ?
Ans. Rhizomes.
600. Cardamom research centre ?
Ans. Pampadumpara (Kerala).
601. Cashew nut and almond are the richest source of ?
Ans. Fat.
602. Cassava (*Manihot esculenta*) belongs to the family ?
Ans. Euphorbiaceae.
603. Cassava mosaic disease is transmitted by ?
Ans. White fly.
604. Caterpillars possess -----type of mouth parts ?
Ans. Biting & Chewing.
605. Cation Exchange Capacity (CEC) is a physical property exhibited by ?
Ans. Soil Colloids.
606. Cattle Feed produced from anaerobic fermentation ?
Ans. Silage.
607. Cauliflower's economic part 'head' is essentially a ?
Ans. Flower.
608. Causative organism of Anthrax in cattle ?
Ans. Bacteria (Bacillus anthracis).
609. Cause of low productivity of Kari soil is due to ?
Ans. Low PH.
610. -----causes inhibition of root growth ?
Ans. Auxin.
611. Causes of red colour in chilli ?
Ans. Capsanthin.
612. CCI means ?
Ans. Cotton Corporation of India Mumbai (31 July 1970).
613. CCRP-1 is an improved clone of ?
Ans. Forastero variety of Cocoa.
614. Cell theory was given by ?
Ans. M.J. Schleiden and T. Schwann (1838).
615. -----cells have the ability to divide throughout the life of a plant ?
Ans. Meristematic cells.
616. Central AGMARK Lab is located at ?
Ans. Nagpur.
617. Central element in learning situation ?
Ans. Learner.
618. Central Marine Fisheries Research Institute (CMFRI) is located at ?
Ans. Cochin, Kerala.

619. Central Plantation Crops Research Institute(CPCRI) is located at ?
Ans.Kasargode, Kerala.
620. Central Potato Research Institute is located in ?
Ans.Shimla.
621. Central Tobacco Research Institute is located in ?
Ans.Rajmundri, Andhra pradesh.
622. Central Rice Research Institute is located at ?
Ans.Cuttack, Orissa.
623. Central Soil Salinity Research Institute is located at ?
Ans.Karnal, Haryana.
624. Central Tuber Crops Research Institute (CTCRI) is located at ?
Ans.Sreekaryam, Thiruvananthapuram, Kerela .
625. Deficiency of vitamin B2 causes ?
Ans.Skin Cracking.
626. Centre for Sustainable Agriculture is located at ?
Ans.Secunderabad, AP.
627. Centre of origin of Brinjal ?
Ans.India.
628. Centre of origin of Cucumber ?
Ans.India.
629. Centre of origin of Sugarcane ?
Ans.India.
630. Cereal crops show V shaped pale yellowing at lower leaf tips due to deficiency of ?
Ans.Nitrogen.
631. Cereals are botanically ?
Ans.Caryopsis.
632. Cereals are deficient in which amino acid ?
Ans.Lysine.
633. Certified seed is generally produced by ?
Ans.SSC (State Seed Corporation).
634. The term “Enzyme” wae given by ?
Ans.W.Kuhne (1867).
635. Certified seed tag having ?
Ans.Purple colour.
636. Certified tag colour of breeder seed ?
Ans.Golden yellow.
637. Certified tag colour of foundation seed ?
Ans.White tag.
638. Certified seed can be produced from ?
Ans.Registered seed or Foundation seed.
639. CFTRI denotes Central Food Technological Research Institute ?
Ans.Mysore, KN.
640. Chaffy grains with black spot is the infestation of ?
Ans.Gundhi Bug (Leptocorisa acuta).
641. Chairman of National Commission for Farmers ?
Ans.Dr. M.S. Swaminathan
642. Present Chairman of National Dairy Development Board (NDDB) ?
Ans.Shri Dilip Rath.
643. Chambakad Large is a variety of ?
Ans.Indian Gooseberry-Nelli.

644. Channalization begins from which mechanism of water erosion ?
Ans. Rill erosion.
645. Change in normal crop planning to meet weather abnormalities is termed as ?
Ans. Contingent planning.
646. Change of floral organs to leaf like structures is known as ?
Ans. Phyllody.
647. Characters which are governed/controlled by several genes each having small individual effect. ?
Ans. Polygenic Traits.
648. Chasmogamy was found in ?
Ans. Rice Barely, Wheat and Oat.
649. Chawki stand, Netrika, RKO powder etare related terms of ?
Ans. Sericulture.
650. Cheapest N fertilizer, suitable for foliar spray ?
Ans. Urea (46%N).
651. Cheliosches moris is a natural enemy of ?
Ans. Red Palm weevil.
652. Chemical or physical agent which greatly enhances the frequency of mutation. ?
Ans. Mutagen.
653. Chemical used for polyploidy breeding ?
Ans. Colchicine.
654. Chemical used to break seed dormancy ?
Ans. Thiourea & Potassium nitrate.
655. Chemicals used for weed control are called ?
Ans. Herbicides.
656. Chemicals which retard transpiration rate called ?
Ans. Anti-transparent.
657. Chestnut compound contains ----- &-----?
Ans. Copper sulphate & Ammonium Carbonate.
658. Chestnut compound is mainly used for-----?
Ans. Soil Drenching.
659. Chi square test was given by ?
Ans. Karl Pearson.
660. Chiasmata occurs at ?
Ans. Diplotene stage.
661. Chickpea variety resistant to Fusarium Wilt?
Ans. JG-74, JG-315, BG-256, Awarodhi.
662. Chickpea variety suitable for rainfed condition?
Ans. Vishal, Anubhav.
663. Green house gas responsible for global warming ?
Ans. CO₂ (50%).
664. Chief pollinator of pumpkin ?
Ans. Honey bee.
665. Chillies leaves curl, malform and dry up at tips due to infestation by ?
Ans. Scirtothrips.
666. Chip budding is practiced in ?
Ans. Grapes.
667. Chlorite is ?
Ans. 2:1:1 or 2:2 type clay mineral.

668. Chlorophyll contains ?
Ans.Mg.
669. Choose best crop enterprises ?
Ans.Principal of opportunity cost.
670. Chowghat Green Dwarf is a variety of ?
Ans.Coconut.
671. Chromosomal theory of heredity was proposed by ?
Ans.W. Sutton (1902).
672. Cigarette tobacco is prominent growing in states of ?
Ans.Andhra Pradesh and Karnataka.
673. Circulatory system in insects is ?
Ans.Open type.
674. Citric acid soluble phosphatic fertilizers ?
Ans.DCP, Basic slag and Rhemania Phosphate.
675. Citrus canker is caused by ?
Ans.Xanthomonas compestris pv citri .
676. Citrus gomosis is caused by ?
Ans.Phytophthora palmivora.
677. Citrus is propagated by ?
Ans.Apomictic embryos.
678. Clay particles have a size of -----
----in diameter ?
Ans.<0.002milimeter.
679. Clay soils contains at least -----%
by weight of clay separates ?
Ans.35%.
680. Cleft grafting is practiced in ?
Ans.Apple/Grapes.
681. Cleistogamy was found in ?
Ans.Wheat and Barley.
682. Clipping off the top of rice seedlings containing immature stages of insects reduces the carry over of infestation of ?
Ans.Rice hispa .
683. Clipping or trimming of live shrubs or trees into decorative shapes, as of animals is known as ?
Ans.Topiary.
684. Clonal selection mostly used in the crop ?
Ans.Ginger.
685. Lowest layer of atmosphere ?
Ans.8-18 km height (Stratosphere).
686. -----clouds are associated with rainfalls ?
Ans.Nimbus.
687. Clouds types which give the heavy and continuous precipitation ?
Ans.Cumulonimbus .
688. Cnaphalocrocis medinalis attack stage of the crop ?
Ans.All Stages (Active tillering to Booting).
689. Sapota variety CO-1 is a cross of ?
Ans.Cricket ball × oval .
690. Co₂ strongly absorbs ?
Ans.Long wave radiation.
691. Coarsest of all food grains Kodo ?
Ans.Paspulum scrobiculatum.
692. Cockchafer beetle is a pest of ?
Ans.Coconut.

693. Coconut is a-----crop ?
Ans.Cross pollinated.
694. Coconut water is rich in ?
Ans.Cytokinins.
695. Cocos nucifera is the scientific name of ?
Ans.Coconut.
696. Coefficient of skewness for normal distribution is ?
Ans.0.
697. Coefficient of variation calculated by ?
Ans.CV = (SD/Mean) x 100.
698. Coffee Board of India is located at ?
Ans.Bangalore.
699. Coffee leaf rust disease is caused by ?
Ans.Fungus (Hemelia vastatrix).
700. Coined the term 'functional nutrient' ?
Ans.Nicholas.
701. The main honey producing bee family ?
Ans.Apidae.
702. Colour indicates extremely toxic poisons ?
Ans.Bright Red.
703. Colour indicates highly toxic poisons ?
Ans.Bright Yellow.
704. Colour indicates moderately toxic poisons ?
Ans.Bright Blue.
705. Colour indicates slightly toxic poisons ?
Ans.Bright Green.
706. The type of mouth parts found in honey bee ?
Ans.Chewing and lapping.
707. Father of Modern beekeeping in India ?
Ans.A.S.Atwal.
708. Who was awarded for discovering the language method of communication of the honey bees ?
Ans.Karl Von Friesch.
709. Colourless and odourless air pollutant is ?
Ans.SO2.
710. Dry bulb and Wet bulb thermometer used for ?
Ans.Relative Humidity.
711. Commercial formulation of 'Nereistoxin' ?
Ans.Padan.
712. Commercial propagating method of grapevine ?
Ans.Hard wood cutting.
713. Commercial propagation method of guava ?
Ans.Air layering.
714. Commercial propagation method of Papaya ?
Ans.Seed.
715. Commercial propagation method of Banana ?
Ans.Sword Suckers.
716. Commercial propagation method of Chrysanthemum ?
Ans.Root suckers and Terminal cuttings .
717. Commercial propagation method of gladiolus ?
Ans.Corms.
718. Commercial propagation method of rose ?
Ans.'T' budding.

719. Commercial propagation method of sapota ?
Ans. Inarching.
720. Commercially cultivated cultivar of Oil Palm is ?
Ans. Tenera.
721. Commercial formulation of the acaricide Teradifon is ?
Ans. Teedion.
722. Common causing agent of Damping-off ?
Ans. Pythium.
723. Common herbicide used in rice crop field ?
Ans. Anilophos and Butachlor.
724. Common herbicide used to control weeds in wheat ?
Ans. 2, 4-D.
725. Common household sugar ?
Ans. Sucrose.
726. Common varieties of urdbean ?
Ans. Pant U-30, JU-2, Type-9, Barkha, Gwalior-2.
727. Commonly followed soil particle (According to their size) classified in India is ?
Ans. International Society of Soil Science (ISSS).
728. Commonly used method for transfer of disease resistancy from one variety to another variety. ?
Ans. Back cross method.
729. Commonwealth Institute of Biological control, Bangalore was established in ?
Ans. 1957.
730. Communication is a ?
Ans. Two way/Double way Process.
731. Community Development Project (CDP) was started on ?
Ans. 2nd Oct, 1952.
732. Composite varieties of maize ?
Ans. Jawahar, Vikram, Kishan, Ambar, Sona, Vijay..
733. Composite variety is developed by ?
Ans. Cross pollination.
734. Concentration of a nutrient in plant tissue where growth of the plant is slowed down ?
Ans. Critical concentration.
735. Normally Concentration of Bordeaux mixture is ?
Ans. 1% (1:1:100).
736. Concentration of Bordeaux paste is ?
Ans. 10% (1:1:10).
737. Concept "Essentiality of elements" was proposed in 1939 by ?
Ans. Arnon and Stout.
738. Concept of lawn was developed in ?
Ans. England.
739. Concept of pure line was given by ?
Ans. Johnson .
740. Concept of Village Level Worker was related with the programme ?
Ans. Sri Niketan (Ravindranath Tagore).
741. Condition and behaviour of the atmosphere at a given time and place is called ?
Ans. Weather.
742. Condition of atmosphere when temperature falls quickly below zero degree ?
Ans. Frost.

743. Condition of the atmosphere inside the crops are called ?
Ans. Phytoclimate.
744. Conferences, Pannel, Symposium, Discussion, Meeting, Workshops, Field trips, Tour are comes under ?
Ans. Group contact .
745. Confounding Design is adopted when the number of treatments is ?
Ans. 10.
746. Scrapping the chlorophyll content and feed inside, defoliation, & conical leaf fold/rolled the leaves in Bhindi by infestation of which pest?
Ans. Okra leaf roller (Sylepta derogata).
747. Conservation tillage tends to encourage ?
Ans. Higher microbial population.
748. Contaf is the trade name of ?
Ans. Hexaconazole (5%EC).
749. Continued drought condition in rice fields predisposes the infestation by ?
Ans. Paddy mealy bug (Ripersia oryzae).
750. Continuous inbreeding (Selfing) leads ?
Ans. Homozygosity.
751. Continuous temperature record by which instrument ?
Ans. Thermograph.
752. Contour Bunding is adopted where Land slope (6 %) and in areas where average annual rainfall is ?
Ans. < 600 mm..
753. In honey bee Pollen basket is present in ?
Ans. Hind Leg.
754. The largest producer of Silk in the world is ?
Ans. China.
755. Control of Colarado potato beetle using-----in 1867 was the first historically recorded success story in the application of modern plant protection chemicals ?
Ans. Paris Green.
756. Biological controlled of Fusarium wilt of chickpea by using ?
Ans. Fluorescent pseudomonas (bacteria).
757. Controlling centre of cell ?
Ans. Nucleus.
758. Conventional tillage involves ?
Ans. Minimum tillage, Zero tillage and Conservation tillage.
759. Which bacteria responsible Conversion of NH₄ to NO₂ in soil is ?
Ans. Nitrosomonas .
760. Conversion of soil nitrate into gaseous nitrogen is ?
Ans. Denitrification.
761. Cool season crops prefers a temperature range of ?
Ans. 14.5°C to 32°C.
762. Cooperative Movement (1904) was initiated by ?
Ans. F. Nicholson.
763. The state which is the leading producer of Muga silk ?
Ans. Assam.
764. COPPER ARSENATE' is otherwise known as ?
Ans. Paris Green.

765. "Coreid bug" is a pest of ?
Ans. Coconut.
766. Corms & Cormels are the planting materials of ?
Ans. Gladiolus.
767. Correlation lies between ?
Ans. -1 to +1.
768. Coryza & Marek's disease are diseases affecting ?
Ans. Poultry.
769. Cosmolure is a pheromone trap used against ?
Ans. Banana Pseudostem weevil.
770. Cost A1 + rent paid for based in land ?
Ans. Cost A2.
771. Cost A2 + interest on value of owned capital assets (including land) ?
Ans. Cost B1.
772. Cost B1 + rental value of owned land and rent paid by leased in land ?
Ans. Cost B2.
773. Cost calculated per hectare is known as ?
Ans. Cost of Production (COC).
774. Cotton is popular in America as ?
Ans. White gold.
775. Cottony Chusion Scale' is a pest of ?
Ans. Citrus.
776. Cow dung slurry application is a method to control ?
Ans. Bacterial Leaf Blight.
777. Cow pea aphids can be controlled biologically using ?
Ans. Fusarium pallidoroseum.
778. Cowpea seeds are inoculated with-----
-----for better yield ?
Ans. Rhizobium.
779. CREMENT means ?
Ans. Crop and Resource Management Network.
780. Crescograph was invented by-----?
Ans. Jagdish Chandra Bose.
781. 'Cricket Ball' & 'Oval' are varieties of ?
Ans. Sapota .
782. CRIDA located at ?
Ans. Hyderabad .
783. CRIDA means?
Ans. Central Research Institute for Dryland Agriculture (Hyderabad).
784. Crimson Glory and Super Star are which type of rose ?
Ans. Hybrid tea.
785. Criollo , Forastero & Trinitario are three varietal types of ?
Ans. Cocoa.
786. Critical stage for irrigation in barley?
Ans. Tillering Stage (30–35 DAS).
787. Crop destructive stages in the life cycle of Beetles are ?
Ans. Adults & Grubs.
788. Crop destructive stages in the life cycle of Bugs are ?
Ans. Adults & Nymphs.
789. Crop distribution throughout the world is largely influenced by ?
Ans. Climate.

790. Crop growing season of dryland farming is ?
Ans.75 – 120 days.
791. Crop having allelopathic influence by Nut sedge ?
Ans.Maize .
792. Crop Production + livestock raising is called ?
Ans.Mixed farming.
793. Crop production and dairy enterprise having ?
Ans.Supplementary relationship.
794. Crop rotation practiced by the majority of the farmers in a given area or locality is called as ?
Ans.Cropping Pattern.
795. Crop Rotation is an example of -----
-- method of insect pest control ?
Ans.Cultural.
796. Silk is produced by -----stage of silkworm ?
Ans.End of larval stage.
797. Crop weather calendar is used for ?
Ans.Finding crop -weather relationship.
798. Crop which is highly susceptible to frost ?
Ans.Potato.
799. Cropped along with wild land weed are known as?
Ans.Facultative weeds.
800. Cropping intensity of india is ?
Ans.137%.
801. Cropping intensity of maize-potato-wheat ?
Ans.300%.
802. Crops which are cultivated on ploughed land ?
Ans.Arable crops.
803. Crops which are cultivated to catch the forth coming season when main crop is failed ?
Ans.Catch/Contingent Crops.
804. Crops which are grown to supplement the yield of the main crops?
Ans.Augment Crops.
805. Crops, those are grown to protect the main cash crop from a certain pest or several pests?
Ans.Trap Crops.
806. Crops, which protect another crops from tree passing of animals or restrict the speed of wind and are mainly grown as border ?
Ans.Border/Guard Crops.
807. Cross between two genetically different homozygote plants is ?
Ans.Hybrid or F1.
808. Crossing of plants through fusion of somatic cell ?
Ans.Somatic hybridization .
809. Crossing over and recombination occur during ?
Ans.Meiosis division.
810. CSH-6 is a short duration variety of ?
Ans.Sorghum.
811. Cultivated pumpkin is botanically known as ?
Ans.Cucurbita moschata.
812. Cultivation of crops in areas receiving rainfall from 750 to 1150 mm per annum. ?
Ans.Dryland Farming.
813. Cultivation of crops in areas where average annual rainfall is <750 mm per annum ?
Ans.Dry Farming .

814. Cultivation of flowering and ornamental plants is known as ?
Ans. Floriculture.
815. Cultivation of Trees + Crops is known as ?
Ans. Agri-Silviculture.
816. Cultivation of trees and grasses together ?
Ans. Silviculture .
817. Cultivation practice followed in cucurbits ?
Ans. Daria cultivation (River bed Cultivation).
818. Culture of an organ in vitro ?
Ans. Organ culture.
819. Culture of plants without soil ?
Ans. Hydroponics .
820. Curculionid biocontrol agent of beetle ?
Ans. Neochetina eichhorniae.
821. Curculionid biocontrol agent of Salvinia ?
Ans. Cyrtobagous salviniae.
822. Curing practice is done ?
Ans. Tobacco, Tea.
823. Curling of leaf upwards and yellowing of terminal cotton shoots is a characteristic symptom of presence of ?
Ans. Cotton Aphid.
824. Cuscutta is a ?
Ans. Complete stem parasite .
825. CUSCUTTA is otherwise known as ?
Ans. Dodder.
826. CYI' means ?
Ans. Crop Yield Index.
827. "Cymbidium mosaic" is a disease affecting ?
Ans. Orchids.
828. Cyperus belongs to ?
Ans. Sedges.
829. Cytokinin is mainly synthesized in ?
Ans. Root tips.
830. Daily mean temperature is calculated by finding the average of ?
Ans. Max & Min. Temperature.
831. Dalapon herbicide controls only ?
Ans. Grassy Weeds.
832. Damping off of Brinjal seedlings is due to ?
Ans. Pythium sp .
833. Damping off of chilly seedlings is due to ?
Ans. Pythium sp.
834. Damping off of tobacco is caused by ?
Ans. Pythium aphanidermaum.
835. Dapog method is most commonly prevalent in ?
Ans. Philippines.
836. Dapog seedling practice is done ?
Ans. Rice seedling.
837. Dark colour of soil is normally associated with ?
Ans. Decomposing Organic Matter.
838. Dasherri is a variety of ?
Ans. Mango.
839. Date of Monsoon withdrawal in India ?
Ans. 31st Sept.
840. Date of onset of Monsoon in India ?
Ans. 1st June.

841. The Indian lac research institute is situated at ?
Ans.Ranchi.
842. Day neutral Plants are ?
Ans.Cotton, maize, sunflower, safflower, groundnut, buck wheat, tomato.
843. DDT was originally discovered by-----
----in 1874 ?
Ans.Othnar Zeidler.
844. De- suckering practice is done ?
Ans.Tobacco.
845. De- tasseling practice is done ?
Ans.Maize .
846. Dead heart and white ear of rice is caused by ?
Ans.Yellow stem borer.
847. Dead heart of sorghum is caused by ?
Ans.Atherigona varia soccata (Shoot fly).
848. India's place in coconut production in the world is ?
Ans.First.
849. Decomposers include ?
Ans.Bacteria and Fungi.
850. Deficiency appears as short internodes in plant. ?
Ans.N.
851. Deficiency of Bo indicated by plant ?
Ans.Sugarbeet.
852. Deficiency of N indicated by plant ?
Ans.Cauliflower.
853. Deficiency of vitamin B1 causes ?
Ans.Beriberi.
854. Crop logging is the method of ?
Ans.Assessing requirements for nutrients for crop production .
855. Deficiency of vitamin B5 causes ?
Ans.Pellagra.
856. Deficiency of vitamin B7 causes ?
Ans.Paralysis.
857. Deficiency symptoms of Ca and B appear in ?
Ans.Terminal buds.
858. Deficiency symptoms of N, P, K, Mg and Mo appear in ?
Ans.Older leaves .
859. Degreening of banana is done by ?
Ans.Ethylene.
860. Dehulming of potato is used to Obtain quality seed tuber by using the chemical ?
Ans.CuSO4.
861. Delay in maturity & succulency are toxicity symptoms of ?
Ans.Nitrogen.
862. "Delhi" is a variety of ?
Ans.Crossandra.
863. Delicious, Rome beauty and Parlin's Beauty are variety of ?
Ans.Late maturing apple.
864. Demand of Agriculture Products are always comes under ?
Ans.Unit inelastic demand.
865. Density of shelter belt is decided by ?
Ans.Wind speed.

866. Deoxyribose sugar + Nitrogenous base + phosphate group (PO₂) ?
Ans.Nucleotide .
867. Deoxyribose sugar + Nitrogenous base is ?
Ans.Nucleoside.
868. Depth of soil sampling for areas having perennial crops?
Ans.25 cm.
869. Depth of soil sampling under ordinary farming conditions?
Ans.15 cm .
870. Dermatitis is caused by ?
Ans.Ambrosia sp (Rogweed).
871. Destroying angel is a ?
Ans.Poisonous Mushroom .
872. Destructive insect and pest act was passed by Govt. of India in ?
Ans.1914.
873. Desuckering of tobacco is done by ?
Ans.Melaic Hydracids (2%).
874. Desuckering is practiced in-----cultivation ?
Ans.Banana.
875. Detachment and transportation of top soil particles by wind and water is known as ?
Ans.Soil erosion.
876. Development in different sectors of Agriculture especially fruits & vegetables is referred to as ?
Ans.Rainbow revolution.
877. Development of fruit without fertilization ?
Ans.Parthenocarpy.
878. Die back and Little leaf disease in Citrus shows
Ans.Cu deficiency
879. Diclorvos is ----- insecticide ?
Ans.Organo phosphorus .
880. Die back symptom on drumstick is resultant due to the infestation by ?
Ans. Mosquito bug(Helopeltis Spp).
881. Dieback disease in Rose is caused by ?
Ans.Fungus (Botrytis cinerea).
882. Diffuse solar radiation is measured using ?
Ans.Pyranometer.
883. Dimecron is the trade name of ?
Ans.Phosphamidon.
884. Diploid variety of apples are ?
Ans.Self fertile.
885. Diquat, Paraquat, Oxadiargyl and Glyphosate etc. belongs to the selectivity group ?
Ans.Non-selective herbicides.
886. Direct or indirect harmful effect by one plant on another through production of chemical is referred to as ?
Ans.Allelopathy.
887. Direction from which wind comes is ?
Ans.Wind ward side.
888. Direction to which wind goes is ?
Ans.Leeward side.
889. Directorate of Rice Research is located at ?
Ans.Hyderabad.
890. Directorate of Sorghum Research is located at ?
Ans.Hyderabad.

891. Directorate of Women in Agriculture ?
Ans. Bhuwadeshwar.
892. Disaccharides contain ?
Ans. Sucrose, Maltose, Lactose and Cellobiose.
893. "Disbudding" is practiced in ?
Ans. Chrysanthemum.
894. Disc plough is used for ?
Ans. Deep ploughing in grassed field.
895. Discharge rate of water per dripper is ?
Ans. 1-4 litre/hrs.
896. Discolouration of apple after cutting is due to ?
Ans. Enzymes (PPO-Poly phenol oxidase).
897. Discovered that copper sulphate can be used to control 'smut' disease in Wheat?
Ans. Prevost, a French scientist.
898. Discovered that Sulphur can be used to control powdery mildew ?
Ans. Robertson, an English scientist.
899. Disease caused due to deficiency of vitamin B12?
Ans. Pernicious anaemia.
900. Disease caused due to deficiency of vitamin E ?
Ans. Sterility .
901. Disease caused due to deficiency of vitamin K ?
Ans. Non-coagulation of blood.
902. Disease occurring regularly in the same area is called as ?
Ans. Endemic .
903. Diseases that occurs at irregular intervals are called ?
Ans. Sporadic Diseases.
904. The Shape of the growth curve is usually ?
Ans. Sigmoid.
905. "DITHANE M 45" is the trade name of ?
Ans. Mancozeb.
906. "DITHANE Z 78" is the trade name of ?
Ans. Zineb.
907. DNA amplification is done in the machine ?
Ans. Thermal cycler.
908. DNA denotes ?
Ans. Deoxyribose nucleic acid .
909. DNA was 1st synthesized by ?
Ans. A. Kornberg (1953).
910. Double cross hybrids of maize are developed by ?
Ans. CGMS line.
911. Double cross technique of maize is given by ?
Ans. D.F. Jones (1920).
912. Double gene dwarf varieties of wheat are ?
Ans. Kalyansona, UP-215, Arjun, Pratap, Janak.
913. Double helix model of DNA was proposed by ?
Ans. Watson and Crick (1953).
914. Double monosomic ?
Ans. 2n-1-1.
915. Double super phosphate contains -----% Phosphorus ?
Ans. 35%.

916. Double Tetrasomic ?
Ans.2n+2.
917. Double trisomic ?
Ans.2n+1+1.
918. Downey mildew of cucurbits is caused by ?
Ans.Pseudoperonospora cubensis.
919. Downey Mildew/Green Ear disease of Bajra is caused by ?
Ans.Sclerospora graminicola.
920. Downward cupping of leaves in Tobacco and Tea shows ?
Ans.S deficiency.
921. Downward movement of food synthesized in leaves takes place through ?
Ans.Phloem.
922. Downward movement of nutrients and salts from the root zone with the water ?
Ans.Leaching.
923. Downy mildew disease can be effectively managed by spraying of ?
Ans.Metalaxyl (Ridomil 25 WP).
924. In reptiles and birds, nitrogen is excreted in the form of ?
Ans.Uric acid.
925. Downy mildew of grape vine is controlled by ?
Ans.Bordeaux mixture.
926. Downy Mildew is of grape caused by the fungus ?
Ans.Plasmopara viticola.
927. Drainage of one ha cm (105 lit) in 24 hrs is equal to ?
Ans.1.157 litre/sec.
928. Drainage away water from rice fields is advocated for the control of ?
Ans.Nymphula , Rice Case Worm.
929. Draining water from the Nursery is an effective control measure against ?
Ans.Damping off.
930. Drip irrigation is also known as ?
Ans.Trickle irrigation.
931. Drip Irrigation is discovered at ?
Ans.Israel.
932. Drip method is suitable for ?
Ans.Wider spaced orchard crops, sugarcane and for saline soils.
933. Droplet size from the mist blower is ?
Ans.50-150 micron.
934. Dry preserved flower petals with fragrance is called ?
Ans.Potpourri.
935. Dual purpose variety of guava ?
Ans.Lalit.
936. Dunkel draft is related to ?
Ans.Trade policy.
937. Duration of sunlight is measured by using ?
Ans.Sunshine Recorder.
938. During Osmosis, movement of water takes place from ?
Ans.Lower to higher concentration of solution.
939. Dursban is the trade name of ?
Ans.Chloropyriphos.
940. Dust formulations are applied using ?
Ans.Duster.

941. Ear showing honey dew symptoms is characteristic feature of ?
Ans. Grain smut of bajra.
942. Early blight of potato is caused by ?
Ans. Alternaria solani.
943. Early blight of tomato is caused by ?
Ans. Alternaria solani.
944. Early leaf spot disease of groundnut is caused by ?
Ans. Cercospora arachidicola.
945. Late leaf spot of groundnut is caused by ?
Ans. Cercospora personata.
946. Early maturing pigeonpea is ?
Ans. Cajanus cajan flavus.
947. Early maturing varieties of mungbean is ?
Ans. Pusa baisakhi, PS16, K851.
948. Early variety of ber ?
Ans. Seb.
949. Earth's gaseous envelope held by gravity is called ?
Ans. Atmosphere.
950. Which of the following techniques are used in assaying monoclonal antibodies ?
Ans. Flow cytometry.
951. Earthing up in sugarcane is done at ?
Ans. 4 month after planting.
952. Earthing-up practice is done ?
Ans. Potato, Sugarcane.
953. Earthing-up in potato is done at ?
Ans. 30 – 45 DAS.
954. Earthing-up is done in groundnut crop at ?
Ans. 35 to 45 DAS.
955. E-chaupal established by ?
Ans. Indian Tobacco Comp. (ITC) at M.P.
956. Economic part of Clove ?
Ans. Flower bud.
957. Economic part of knol khol is ?
Ans. Extended stem.
958. Economical part of sweet potato ?
Ans. Adventitious roots.
959. Edible part of cabbage ?
Ans. Head.
960. Edible part of cauliflower ?
Ans. Curd.
961. Educare (Latin word) means ?
Ans. To bring up physically or mentally.
962. Egyptian cotton/sea island cotton is ?
Ans. G. barbadence.
963. Eichhornia crassipes is ?
Ans. Water hyacinth.
964. EIL means ?
Ans. Economic injury level.
965. Ekalux is the brand name of ?
Ans. Quinalphos.
966. Element which induces stiffness in straw ?
Ans. Ca.
967. Elytra is associated with ?
Ans. Beetle.
968. Embryo originates from unfertilized egg ?
Ans. Parthenogenesis.

969. Embryo that are formed without fertilization is called ?
Ans. Apomictic embryos.
970. Emmer wheat is ?
Ans. T. dicocum, Tetraploid (2n= 28).
971. ENDOSULFAN is a-----insecticide ?
Ans. Organosulphar.
972. Energy received outside the atmosphere, on unit area held lower to solar beam is ?
Ans. Solar constant.
973. Ensures quality of cut flowers while transporting to distant places ?
Ans. Precooling.
974. Environmental lapse rate is about ?
Ans. 6.50C/km.
975. Enzyme is discovered by ?
Ans. Buchner (1897).
976. Enzyme present in dried latex of papaya ?
Ans. Pepsin.
977. Enzyme without Prosthetic group ?
Ans. Apo enzyme.
978. Enzymes which exist in multiple forms within single specing of an organism ?
Ans. Isoenzyme.
979. EP is always less than zero in ?
Ans. Irrational zone (Stage – III).
980. Epigeal germination is found in ?
Ans. Mustard, Sunflower, Castor, Onion.
981. Ergot disease of Bajra is caused by ?
Ans. Claviceps fusiformis .
982. Eriophyid is commonly known as ?
Ans. Coconut Mite (Aceria guerreronis).
983. Erosion is a result of human activities ?
Ans. Accelerated.
984. Erosion occurs in environment naturally but very slowly ?
Ans. Geologic.
985. Essential Commodities Act was formulated in the year ?
Ans. 1955.
986. Essentiality of N was established by ?
Ans. Nicholas Theodore.
987. Etawah Pilot Project (1948) was initiated by ?
Ans. Albert Mayer.
988. Ethephon is a ?
Ans. Plant Growth Regulator.
989. Ethrel is used as Gametocide for ?
Ans. Wheat, Rice and Sugarbeet
990. ETL means ?
Ans. Economic Threshold Level.
991. Evaporation is measured by ?
Ans. Evaporimeter.
992. Evapotranspiration is measured by ?
Ans. Lysimeter.
993. Evapotranspiration is measured by using the instrument ?
Ans. Pan Evapometer.
994. Evergreen revolution is related to ?
Ans. Reduction in wastage of food grains, fruits and vegetables

995. Example of a viviparous plant ?
Ans.Mangrove.
996. Example of an apomictic plant?
Ans.Mangosteen.
997. Example of dryland weeds ?
Ans.Mimosa, Sida.
998. Example of growth inhibitors ?
Ans.Abscisic acid and Ethylene.
999. Exanthema in citrus is due to the deficiency of ?
Ans.Copper.
1000. Excess ammonical fertilizers favour accumulation of.....in soil ?
Ans.NO₂.
1001. Excess of Ca causes deficiency of ?
Ans.P.
1002. Excess of N, P and K causes deficiency of.
Ans.Cu.
1003. Excess of zinc in the soil lead to non-availability of.
Ans.Iron.
1004. The anticodon region is present in ?
Ans.t-RNA.
1005. Excess Phosphorus reduces availability of&?
Ans.Fe and Zn .
1006. Excessive build up of -----in soil air will retard plant growth.
Ans.Co₂.
1007. Excessive tillering is a symptom of ----- attack in very young seedlings ?
Ans.Gall midge.
1008. Exchange of chromatin between non-sister chromatids of homologous chromosomes is known as ?
Ans.Crossing over.
1009. Expand 'AMF'?
Ans.Arbuscular Mycorrhizal Fungi.
1010. Expand 'BHC'?
Ans.Benzene Hexa Chloride.
1011. Expand 'CAN'?
Ans.Calcium Ammonium Nitrate.
1012. Expand 'CFTRI'?
Ans.Central Food Technology Research Institute.
1013. Expand 'CGIAR'?
Ans.The Consultative Group on International Agricultural Research.
1014. Expand 'FAO'?
Ans.Food and Agriculture Organisation.
1015. Expand 'GIS'?
Ans.Geographical Information System.
1016. Expand 'INM'?
Ans.Integrated Nutrient Management.
1017. Expand 'IPM'?
Ans.Integrated Pest Management .
1018. Expand 'IRDP'?
Ans.Integrated Rural Development Programme.
1019. Expand 'IRMA'?
Ans.Institute of Rural Management Anand.
1020. Expand 'MGNREGA'?
Ans.Mahatma Gandhi National Rural Employment Guarantee Act.

1021. Expand 'PRA'?
Ans.Participatory Rural Appraisal.
1022. Expand 'RRII'?
Ans.Rubber Research Institute of India (Kottayam,Kerla).
1023. Expand 'RRIM'?
Ans.Rubber Research Institute of Malaysia.
1024. Expand 'USDA'?
Ans.United States Department of Agriculture.
1025. Expand 'IFFCO'?
Ans.Indian Farmers Fertilizer Cooperative Limited.
1026. The term "Microbiology" was coined by ?
Ans.Louis Pasteur.
1027. Expand CPCRI ?
Ans.Central Plantation Crops Research Institute.
1028. Expand DDT ?
Ans.Dichloro Diphenyl Trichloro ethane.
1029. Expand FAO ?
Ans.Food and Agricultural Organisation.
1030. Expand IARI?
Ans.Indian Agricultural Research Institute.
1031. Expand IRRI?
Ans.International Rice Research Institute .
1032. Expand ISTA?
Ans.International Seed Testing Association.
1033. Expand the term "TRIPS" ?
Ans.Trade related intellectual property rights system.
1034. Expand UNEP.
Ans.United Nations Environment Programme.
1035. "Explant" is a term related to ?
Ans.Plant tissue culture.
1036. Exploitation of hybrids in tobacco was carried out by ?
Ans.J.G.Kolreuter.
1037. Explosive fertilizer is ?
Ans.Ammonium nitrate (33%N).
1038. Extension activity was started first time in ?
Ans.USA.
1039. Extension education is ?
Ans.Informal education.
1040. Extension education is both ?
Ans.Science and Art.
1041. Extension Education is the process of ?
Ans.Bringing desirable changes in human behavior.
1042. Extension is a ?
Ans.Latin word.
1043. Extra early maturing variety of brinjal ?
Ans.Pusa purple long.
1044. Extra-short-duration variety of pigeonpea ?
Ans.UPAS-120.
1045. F1 x homozygous recessive parent ?
Ans.Test Cross.
1046. Factomphos contains-----% Sulphur ?
Ans.15%.

1047. Factors influencing loss of viability of paddy seeds ?
Ans. Moisture content, storage temperate, Gas exchange, Physical condition of seed, light, microflora, fungicide.
1048. Failure of terminal bud and root tips is the principle symptom of ?
Ans. Ca deficiency.
1049. Families braconidae, chalcididae and Ichneumonidae come under the order?
Ans. Hymenoptera.
1050. Fan like appearance of coconut leaves occurs in coconut palm affected by ?
Ans. Leaf Rot Disease.
1051. FAO headquarters is located at ?
Ans. Rome, Italy.
1052. Farm and home visit, Office calls, Telephone calls, Personal letters, Result Demonstration are comes under ?
Ans. Individual contact.
1053. Farm machinery and equipments are an example of ?
Ans. Working assets.
1054. Farmer's day is observed nationally on ?
Ans. December 23.
1055. Farmers burn waste in the field during night time to avoid ?
Ans. Frost.
1056. Tumour causing viruses are known as ?
Ans. Tungro viruses.
1057. Fast growing forest tree species ?
Ans. Eucalyptus sp.
1058. Father of 'Green revolution'?
Ans. Norman E. Borlaug.
1059. Father of Agricultural biochemistry?
Ans. Carl Alexander Neuberg.
1060. Father of Agricultural chemistry ?
Ans. Justus von Liebig
1061. Father of Agricultural Economics ?
Ans. Adam Smith.
1062. Father of Agro meteorology ?
Ans. D. N. Walia.
1063. Father of Agro-meteorology in India ?
Ans. L. A. RAMDAS.
1064. Father of Agronomy ?
Ans. Pietro Decrescenzi.
1065. Father of Microbiology ?
Ans. Leuwenhoek.
1066. Father of Bacteriology?
Ans. Louis Pasteur.
1067. Father of Biodynamic farming ?
Ans. Rudolf Steiner (1861-1925).
1068. Father of Cooperative movement in India ?
Ans. F. Nicholson.
1069. Father of Experimental genetics ?
Ans. Thomas Hunt Morgan.
1070. Father of Extension education ?
Ans. J. P. Leagans.
1071. Father of Field plot experiment ?
Ans. J. B. Boussingault.
1072. Father of Fruit and vegetable preservation ?
Ans. M. Nicholas Appert.

1073. Father of genetic engineering ?
Ans. Paul Berg.
1074. Father of Genetics ?
Ans. Gregor Johann Mendel.
1075. Father of Golden revolution in India. ?
Ans. Dr. K.L. Chadha.
1076. Father of Golden rice ?
Ans. Dr. Ingo Potrykus.
1077. Father of modern plant pathology ?
Ans. Antone De Berry.
1078. Father of Green revolution in India ?
Ans. M. S. Swaminathan (Mankombu Sambasivan Swaminathan).
1079. Father of Hybrid cotton ?
Ans. C.T. Patel.
1080. Father of Hybrid rice ?
Ans. Yuan Long Ping.
1081. White rust of cruciferous is caused by ?
Ans. Albugo candida .
1082. Father of Olericulture ?
Ans. Bailey.
1083. Father of Indian plant pathology ?
Ans. E.J. Butler.
1084. Father of Indian Rust ?
Ans. Dr. K.C. Mehta.
1085. Father of Ornamental garden ?
Ans. M.S. Randhawa.
1086. Purple blotch of onion is caused by ?
Ans. Alternaria porri.
1087. Ergot is a mycelium form called?
Ans. Sclerotia.
1088. Father of Mutation Theory ?
Ans. Hugo de vries.
1089. Father of nematology ?
Ans. Nathan Augustus Cobb.
1090. Father of Organic Farming?
Ans. Sir Albert Howard.
1091. In rust fungi repeating spores are ?
Ans. Uredospores.
1092. Father of Pedology ?
Ans. V.V. Dokuchalev.
1093. The incidence blast disease can be reduces by application of ?
Ans. Silicon in Rice.
1094. Agar agar is obtained from ?
Ans. Red sea algae.
1095. Father of plant physiology ?
Ans. Stephan Hales.
1096. Father of Plant Tissue Culture ?
Ans. G. Haberlandt.
1097. Father of Sociology ?
Ans. Auguste comte.
1098. Father of Soil Microbiology ?
Ans. S.N. Winogradsky.
1099. First transgenic plant was developed in the world is ?
Ans. Tobacco.
1100. Father of Statistics ?
Ans. R.A. Fisher.

1101. Father of Super Rice ?
Ans.Dr. G.H. Khush.
1102. Father of the Ever Green Revolution in India (1995) ?
Ans.M. S. Swaminathan.
1103. Pollination in oil palm is carried by?
Ans.Weevil (Elacidobius spp).
1104. Pollination in fig is carried by?
Ans.Fig wasp (Blastophaga pens).
1105. Father of Tillage and Weeds ?
Ans.Jethro Tull.
1106. Pollination in Mango is carried by?
Ans.House Flies.
1107. Father of Virology?
Ans.Martineaus Willem Beijerink.
1108. Father of White Revolution.?
Ans.Dr. Varghese Kurien.
1109. FCI was established in ?
Ans.14 june 1965
1110. Father of Horticulture?
Ans.Thomas andrew knight, John lindely & L.H.Bailey.
1111. Pest of sweet potato weevil ?
Ans.Cylas formicarius.
1112. Maroon is a variety of ?
Ans.Karonda.
1113. Feb.28 is observed as ?
Ans.National science day.
1114. Feldspar, Quartz and Mica are ?
Ans.Primary minerals.
1115. Fernoxone is the trade name of ?
Ans.2,4-D.
1116. Fertiliser consumption in India ?
Ans.165.85 kg/ha (2016).
1117. Fertilizer application in lowland paddy is done at ?
Ans.Reduced zone.
1118. Fertilizer recommendation for medium duration high yielding varieties of Rice in wetlands is ?
Ans.90:45:45.
1119. Fertilizer recommendation for short duration high yielding varieties of Rice in wetlands is ?
Ans.70:35:35.
1120. Fertilizer which contains only one primary or major nutrient, e.g. Urea ?
Ans.Straight Fertilizer.
1121. Fertilizers contain more than 25% of primary nutrients, e.g. Urea (46%), DAP (18% N and 46% P₂O₅). ?
Ans.High analysis fertilizers.
1122. Fibre of cotton contains ?
Ans.Cellulose.
1123. Fibroin content of silk fibre is ?
Ans.70-81%.
1124. Fieldpea/Grainpea is used for ?
Ans.Dal/pulse purpose.
1125. Film farming type antitranspirants are ?
Ans.Hexadeconal, Mobileaf, Wax and Silicon.
1126. Final product of C₃ pathway is ?
Ans.3 PGA.

1127. Final product of Glycolysis ?
Ans. Pyruvate.
1128. Fire curing is done for?
Ans. Bidi, Snuff, Chewing, Hookah tobacco.
1129. First Agriculture University as SAU, G.B. Pant AU, established in ?
Ans. 17 nov. 1960, Uttarakhand.
1130. First biologically controlled weed is ?
Ans. Lantana camara.
1131. First chairman of Planning Commissions ?
Ans. Pdt Jawahar Lal Nehru.
1132. First commercial Bio-herbicide is ?
Ans. Collego, Biomal and Devine.
1133. First cultivated crop in the world ?
Ans. Wheat.
1134. First cutting in berseem is done at ?
Ans. 50-55 days after sowing.
1135. First discovered herbicide ?
Ans. 2,4-D.
1136. First discovered protective insecticide was ?
Ans. DDT.
1137. Trimming (removal of undesired plant parts) is generally done in ?
Ans. Rose and Marigold.
1138. First entry of water from the upper layer of soil is known as ?
Ans. Infiltration.
1139. First intervarietal cross variety of rice ?
Ans. Jaya.
1140. First laureate of the “world food’ prize ?
Ans. Dr. Swaminathan.
1141. First maize hybrid released in India ?
Ans. 1961.
1142. First Organo-phosphorus insecticide Bladan was discovered by-----in ?
Ans. Gerhard Scharder.
1143. First product of C4 pathway is ?
Ans. Oxalo acetic acid (OAA).
1144. First step in absorption of water is ?
Ans. Imbibition.
1145. Hand pollination is most useful in ?
Ans. Date palm.
1146. First used the term ‘biochemistry’?
Ans. Neuberg (1903).
1147. Five year plans were started on ?
Ans. 1951.
1148. Fixed Cost + Variable Cost is ?
Ans. Total cost.
1149. Fixed cost is also known as ?
Ans. Overhead cost.
1150. “Flaccidity and yellowing of older leaves” are symptoms of ?
Ans. Root wilt.
1151. Flacherie is a bacterial disease affecting ?
Ans. Silk worm.
1152. Flat bed method of sugarcane planting is most common in ?
Ans. North India.
1153. Flies belong to the order ?
Ans. Diptera.
1154. Flies have-----pairs of active wings ?
Ans. One.

1155. Flies possess-----type of mouth parts ?
Ans.Spongy.
1156. Floribunda roses are a cross between -----&-----?
Ans.Hybrid tea rose & Polyantha rose.
1157. Japanese art of Flower arrangement is called ?
Ans.Ikebana.
1158. Flower colour of Bauhinia purpurea is ?
Ans.Light Pink.
1159. Fluchloralin and Pendimethalin belong to the chemical group ?
Ans.Dinitroanilines, Triazine.
1160. Flue curing is done for ?
Ans.Cigarette tobacco.
1161. Flute budding is practiced in ?
Ans.Rubber/Ber/Cherry.
1162. FMD means ?
Ans.Foot & Mouth Disease.
1163. Fodder crop maize varieties are ?
Ans.African tall, J1006.
1164. Fodder producing tree
Ans.Prosopis cineraria.
1165. Foliar application can be practiced for ?
Ans.Urea.
1166. Food chain revolution is related to ?
Ans.Food grain production.
1167. Food grain markets, vegetable markets, wool market are the example of ?
Ans.Special market.
1168. Foot and Mouth disease in cattle is caused by ?
Ans.Virus.
1169. Foot Rot of Pepper is caused by ?
Ans.Phytophthora-fungus.
1170. For a group of 10-25, people use flash cards of size ?
Ans.10"x12" (25 cm x 30 cm).
1171. For correction of iron chlorosis in rice, following spray is recommended ?
Ans.1% solution of ferrous sulphate.
1172. For estimating soil pH approximately-----gram of processed soil is used ?
Ans.10 gram.
1173. For germination, seed depends on external source for supply of ?
Ans.Water.
1174. For jelly making, fruit should be harvested at ?
Ans.Firm ripe stage.
1175. For measuring uniform flow of water, weirs used are ?
Ans.Rectangular and Trapezoidal weir.
1176. For motherpalm selection in coconut husked nut should weight ?
Ans.Not less than 600 gram.
1177. For Rice, ideal pH range is ?
Ans.5 to 8.
1178. For soils having a pH above -----lime recommendation is not necessary ?
Ans.6.4.
1179. For the fumigation of rat burrows the fumigant required is ?
Ans.Aluminium phosphide.

1180. For which crop Drip Irrigation has been found most successful?
Ans.Grapes.
1181. Forage trees + pasture ?
Ans.Forage forestry (Silvopasture).
1182. Forage yield of berseem crop is ?
Ans.800 - 1000 qt/ha.
1183. Forage yield of oat crop is ?
Ans.500 - 600 qt/ha.
1184. Fore wings of Beetles are known as ?
Ans.Elytra.
1185. Forecast will help in planning cropping pattern ?
Ans.Long range weather.
1186. Forest Conservation Act was made in ?
Ans.1980.
1187. Forest school is established at ?
Ans.Dehradun.
1188. Which type of Forest are found maximum in India ?
Ans.Tropical moist deciduous forest.
1189. Forestry outside the conventional forests which primarily aim at providing continuous flow of goods and services for the benefit of people ?
Ans.Social forestry.
1190. Formal upright, Cascade & Semi-cascade are various styles of ?
Ans.Bonsai.
1191. Fortin's Barometer is used to measure ?
Ans.Atmospheric Pressure.
1192. Terai soils are deficient in ?
Ans.Zn (Zinc).
1193. FPO means ?
Ans.Fruit Products Order-1955.
1194. Francis Crick's seminal concept that in nature genetic information generally flows from DNA to RNA to protein.?
Ans.Central Dogma.
1195. French Professor Millardet identified the fungicidal properties of Bordeaux mixture in ?
Ans.1882.
1196. Freezing point of water in the Fahrenheit scale is ?
Ans.32°F.
1197. Freezing point of water in the Kelvin scale is ?
Ans.273.2°K.
1198. Frequent presence of partially decomposed organic residues such as remnants of fossilized trees are salient features of soil ?
Ans.Kari soil.
1199. Fresh urea is recommended for application.?
Ans.Foliar.
1200. Fructose is ?
Ans.Fruit sugar.
1201. Fruit & Shoot borer is a major pest of ?
Ans.Brinjal/Okra.
1202. Fruit cracking is most probable in Pomegranate in which season ?
Ans.Mrig bahar season.
1203. Fruit cracking of tomato is due to ?
Ans.B deficiency.

1204. Fruit drop in mango is controlled by ?
Ans.2, 4-D.
1205. Fruit of groundnut is called ?
Ans.Nut.
1206. Fruit of okra is known as ?
Ans.Capsule.
1207. Fruit of safflower is called ?
Ans.Achene.
1208. Fruit trees + crops ?
Ans.Agri-horticulture.
1209. Fruit trees + honeybees ?
Ans.Horti-apiculture.
1210. Fruit type of cucumber is ?
Ans.Pepo.
1211. Fruits experiencing simple gradual decline in the rate of respiration at the time of ripening ?
Ans.Non-Climacteric Fruits.
1212. Fruits experiencing sudden increase in the rate of respiration at the time of ripening ?
Ans.Climacteric Fruits.
1213. Fuel wood tree ?
Ans.Albizia lebbek.
1214. Fumigants are available as ?
Ans.Solids and liquids.
1215. Fumigation is usually carried out using ?
Ans.Alumunium Phosphide.
1216. -----have both functions as an insecticide and nematicide ?
Ans.Phorate/Aldicarb.
1217. Fungal body is composed of ?
Ans.Mycelia.
1218. Fungal origin bio-herbicides are called ?
Ans.Myco-Herbicide.
1219. Fungal Pollu in Pepper can be controlled by ?
Ans.Carbendazim + 0.1 % Mancozeb.
1220. Fungi are very active pH because of their facultative way of living ?
Ans.Lower.
1221. Fungicidal properties of Bordeaux mixture was first identified by ?
Ans.Millardet.
1222. Fungus controls Rhinoceros grub ?
Ans.Green Muscardine Fungus.
1223. Furadan is the trade name of ?
Ans.Carbofuron.
1224. Fusarium wilt is caused by ?
Ans.Fusarium moniliform.
1225. G-777 is a ?
Ans.Indian cotton variety.
1226. "Gajraj" is a hybrid variety of ?
Ans.Hybrid Napier Grass.
1227. GALASA means?
Ans.Group Approach for Locally Adopted & Sustainable Agriculture.
1228. Galleria mellonela (the great wax moth) is seen feeding ?
Ans.Wax and products.
1229. Gamba Grass is otherwise known as ?
Ans.Sadabahr (Perennial).

1230. Ganga hybrid – 1, Deccan hybrid are varieties of ?
Ans.Maize.
1231. Garden city of India?
Ans.Bangalore.
1232. Father of soil testing ?
Ans.M.L. Troug.
1233. Gardenpea/Table pea is used for ?
Ans.Green pods used for vegetable.
1234. Gas emitted from rice field is ?
Ans.CH₄ (Methan).
1235. Gas less zone is ?
Ans.Thermosphere >80 km height.
1236. Gas used to ripen fruits ?
Ans.Acetylene (Ethylene).
1237. Gaseous envelop surrounding the earth known as ?
Ans.Atmosphere.
1238. Gaseous loss of N occurs through &.....?
Ans.Volatalization and Denitrification.
1239. Gastropod attacking anthurium is ?
Ans.Snail.
1240. Gastropod pests generally prefer conditions ?
Ans.Cool, Damp.
1241. GATT agreement was came into force in ?
Ans.1 January 1948.
1242. "GATT" means ?
Ans.General Agreement on Tariffs & Trade.
1243. Gene responsible for dwarfness in wheat ?
Ans.Norin-10.
1244. Gene responsible for higher amount of lysine in maize ?
Ans.Opaque-2.
1245. General used nutrient medium in tissue culture ?
Ans.B-5 medium and MS medium .
1246. Generally rabi crops are ?
Ans.Long day plants.
1247. Generally, the third row of crop is removed or growing of crop in pair row and the third row is escaped with an object to conserve the soil moisture in Dryland areas?
Ans.Paired row Crops.
1248. Genes for sex-linked traits are located on ?
Ans."Y" chromosome.
1249. Kaolinite configuration is ?
Ans.1:1 type.
1250. Genetic purity of Breeder seed is ?
Ans.100%.
1251. Gerbera is ?
Ans.Cut flower.
1252. Gibberellins were discovered by ?
Ans.Korosawa of Japan.
1253. Ginger is propagated through ?
Ans.Rhizomes.
1254. Regional Agricultural Research Station located at ?
Ans.Ambalavayal (Kerela).
1255. Ginning practice is done ?
Ans.Cotton.
1256. Give an eg. for Agroforestry trees ?
Ans.Ailanthus/Casuarina/Eucalyptus/

- Mangium/Teak/Rosewood/Sandal.**
1257. Give the names of any two edible mushrooms?
Ans.Paddy straw & Button mushroom.
1258. Global warming focuses on an increase in the level of which gas in the atmosphere?
Ans.Carbon dioxide.
1259. Glucose + Galactose consisting of ?
Ans.Lactose (Disaccharide).
1260. Glucose is ?
Ans.Corn sugar.
1261. Glucose is also known as ?
Ans.Dextrose.
1262. Glycine max is ?
Ans.Soybean.
1263. Glycogen present in ?
Ans.Animal cell.
1264. Glycolysis occurs in ?
Ans.Cytoplasm.
1265. Glyphosate and Anilophos belong to the chemical group ?
Ans.Organophosphorus.
1266. GMO seeds means ?
Ans.Genetically Modified Organism.
1267. Gneiss, Marble, Quartzite and Slate are ?
Ans.Metamorphic rocks.
1268. Gold finger is a ?
Ans.Hybrid banana.
1269. Golden Age and Crown of Gold are the variety of ?
Ans.African Marigold.
1270. Golden revolution is related to ?
Ans.Fruit production (Apple).
1271. Sesquioxide are oxides of ?
Ans.Iron and Aluminium.
1272. Element responsible for flocculation of soil ?
Ans.Calcium.
1273. Golden rice is rich in ?
Ans.β-carotene.
1274. Golden Rice is rich in ?
Ans.Vitamin A.
1275. Gootee is another name of ?
Ans.Air layering.
1276. Government carries out farming is ?
Ans.State farming .
1277. Government gives long term loans to agriculturists under the ?
Ans.Land improvement Loans Act of 1883.
1278. Government gives medium term loan to agriculturists under the ?
Ans.Agriculturists Loan Act of 1884.
1279. Grain and Head smuts are ?
Ans.Seed borne disease.
1280. Grain Smut of sorghum is also known as ?
Ans.Covered/Kernel/Shoot smut.
1281. Gramalakshmi, Gramapriya, Athulya are breeds o ?
Ans.Poultry.
1282. Gramaxone is the trade name of ?
Ans.Paraquat.
1283. Grana and Stroma are found in ?
Ans.Chloroplast.

1284. Granary of India?
Ans.Punjab.
1285. Granite and Basalt are form of ?
Ans.Igneous rocks.
1286. The GOI has decided to increase the export of cashew nut which of the major cashewnut growing state ?
Ans.Goa, Kerela , Andhrapradesh, Tamilndu Maharastra and Karnataka.
1287. Granulated soils have ----- bulk density values ?
Ans.Low.
1288. Grapes can be stored for 40-45 days at a temperture of
Ans.-2 to 1.5oc.
1289. Grass weed used for soil and water conservation ?
Ans.Cyanodon dactylon.
1290. Grasserie is a disease caused by Virus affecting ?
Ans.Silkworm.
1291. Grasshopper possess ?
Ans.Saltatorial legs.
1292. Grassy shoot of sugarcane is cased by ?
Ans.Mlo.
1293. Grassy weed in barley field can be effectively controlled by ?
Ans.Both Isoproturon and 2,4-D.
1294. Solonchack soil corresponds to ?
Ans.Saline soil.
1295. Green leaf manuring crops ?
Ans.Karanj and Ipomea.
1296. Green manure crop suited to saline alkali soils ?
Ans.Crotalaria Juncea.
1297. Green manure crops are turned in the field at the stage of ?
Ans.Flowering.
1298. Green manure crops contributes nitrogen ranging from ?
Ans.50-175 kg/ha.
1299. Green manuring tree. ?
Ans.Thespesia populnea.
1300. Green revolution is associated with unprecedented increase in production of----- &-----?
Ans.Rice & Wheat.
1301. Crop most suitable for green manuring ?
Ans.Sunhemp .
1302. Green to dry chilli ratio.?
Ans.10:1.
1303. Greening of citrus is caused by ?
Ans.Liberbactor asiaticum (Phloem limited bacteria).
1304. International Year of Rice ?
Ans.2004.
1305. Gros Michel is a variety of ?
Ans.Banana.
1306. Gross income – Total Cost is equal to.?
Ans.Profit.
1307. Gross Returns – Cost A is ?
Ans.Farm business income.
1308. Gross returns - Cost B is ?
Ans.Family labour income.

1309. Groundnut cake contains NPK ?
Ans.7:1.5:1.3%.
1310. Groundnut is a ?
Ans.Modified fruit.
1311. Group of insecticides are highly persistent and not easily biodegradable ?
Ans.Organochlorine.
1312. Groups of shrubs of different colours & sizes are known as ?
Ans.Shrubbery.
1313. Growing of two or more crops in quick succession on the same piece of land in a farming year is termed as ?
Ans.Sequential/non-overlapping cropping.
1314. Growing of two or more crops simultaneously and intermingled without row arrangements, where there is significant amount of intercrop competition is called as ?
Ans.Mixed cropping.
1315. Growing of two or more crops simultaneously in alternate rows or otherwise in the same area, where there is significant amount of inter crop competition is called as ?
Ans.Intercropping.
1316. Growing Resistant Varieties is an example of -----method of insect pest control ?
Ans.Cultural.
1317. Growth promoters are ?
Ans.Auxins, Gibberellins and Cytokinin.
1318. Growth retardant type antitranspirants is ?
Ans.Cycocel (CCC).
1319. Guava is generally propagated by ?
Ans.Layering.
1320. Gummosis in citrus is due to the deficiency of ?
Ans.Boron.
1321. Gundumalli, Ramabanam & Madanabanam are important varieties of ?
Ans.Jasmine.
1322. Gurgaon Project (1920) was started by ?
Ans.Mr. F.L. Brayne.
1323. Gynomonoecious flowers are found in ?
Ans.Cucumber.
1324. Gypsum ($\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) is used for the reclamation of ?
Ans.Sodic/Alkaline soils.
1325. Gypsum contains ?
Ans.29.2%Ca and 18.6%S.
1326. Irrigation efficiency of loamy soils ?
Ans.70 % (Highest).
1327. H-226 is a variety of ?
Ans.Tapioca.
1328. Halo phenomenon is caused by the cloud ?
Ans.Cirrostratus.
1329. Halteres is associated with ?
Ans.Flies.
1330. Haploid no. of *Triticum aestivum* ?
Ans.n = 21.
1331. Hardwood cuttings are used as vegetative propagating material in ?
Ans.Rose/Grapes/Bougainvillea/Mulberry.
1332. Haritha & Marathakam are varieties of ?
Ans.Guinea Grass.

1333. Hariyali- watershed development program established.?
Ans.2003.
1334. Harrows are used for ?
Ans.Preparation of seedbed, destroy weeds.
1335. Harvest index (HI) of Pigeonpea is ?
Ans.0.19 (lowest among pulses).
1336. Harvesting stage of tomato for distant market/transportation ?
Ans.Mature green stage.
1337. -----have rapid knock down activity against susceptible flying insect and pests ?
Ans.Pyrethrum.
1338. -----has world's highest % of arable land ?
Ans.India.
1339. Hawaiian ,Salvador, Peru, Cunningham are types of ?
Ans.Subabul.
1340. "HDP" in cashew plantations means ?
Ans.High Density Planting.
1341. Mexican dwarf wheat is ?
Ans.T. aestivum (2n = 42).
1342. The oldest selection method of crop improvement ?
Ans.Mass selection.
1343. Head Office of NABARD is located at ?
Ans.Mumbai.
1344. The colour of outer skin of onion is due to ?
Ans.Quercetin.
1345. Heading back and thinning out are associated with ?
Ans.Pruning.
1346. Full form of NABARD at ?
Ans.National bank for agriculture and rural development.
1347. Headquarters of FAO ?
Ans.Rome (Italy).
1348. Headquarters of the 'Cardamom Board' is located at ?
Ans.Kottayam.
1349. Headquarter of WMO (World Meteorological Organisation) is located at ?
Ans.Geneva, Switzerlandt.
1350. Heat flow in air by process of ?
Ans.Radiation.
1351. Heat flow in liquid/water by process of ?
Ans.Convection.
1352. Heat flow in solid/soil takes place mainly through the process of ?
Ans.Conduction.
1353. Heavy wind blows through Palakkad gap during ?
Ans.Oct-Nov.
1354. -----helps in Chlorophyll synthesis ?
Ans.Sulphur.
1355. Helps to reduce Phosphorus fixation in arid soils ?
Ans.Liming.
1356. HEMELYTRA is associated with ?
Ans.Bugs.
1357. Heptachlor is a ?
Ans.Cyclodiene insectide.

1358. Herbicides are not used in dust formulation because of ?
Ans. Drifting hazards.
1359. Herbicides are sprayed using-----
---type of nozzles ?
Ans. Flat-fan.
1360. Herbicides are used to kill ?
Ans. Weeds.
1361. Herb-softwood cuttings are used as vegetative propagating material in ?
Ans. Coleus/Begonia/Chrysanthemum/Pepper.
1362. Heteroploid in which one or few chromosomes are missing from $2n$?
Ans. Aneuploid.
1363. Hibiscus is otherwise known as ?
Ans. Chinese Rose.
1364. High clouds, examples ?
Ans. Cirrus, Cirro-stratus, cirro-cumulus.
1365. High density planting ($2.5\text{ m} \times 2.5\text{ m}$) of mango is done in ?
Ans. Amrapalli variety.
1366. High temperature favours the production of -----because of the greater microbial activity ?
Ans. CO₂.
1367. High volume sprayers requires-----
-of spray fluid per hectare ?
Ans. >500 Litres.
1368. High Yielding Varietal Programme (HYVP) was started on ?
Ans. 1966-67.
1369. Highest consumption of pesticides found in ?
Ans. Cotton (54%).
1370. Highest egg producing state of India ?
Ans. Andhra Pradesh.
1371. Highest papain yielding variety of papaya ?
Ans. Pusa majesty.
1372. Highest protein containing crop ?
Ans. Soybean.
1373. Highest rainfall in India is observed at ?
Ans. Mawsynram.
1374. Highly Inbreeding Depression is found in ?
Ans. Alfalfa and Carrot.
1375. Highly salt tolerant crops ?
Ans. Barley and Sugarbeet.
1376. "Himani" is a variety of ?
Ans. Cauliflower.
1377. Hind wings of Beetles are in nature ?
Ans. Membranous.
1378. Hinosan is the trade name of ?
Ans. Ediphenous.
1379. Hollow berries are formed in Pepper due to ?
Ans. Pollu/Anthracnose.
1380. Honey contains% of water ?
Ans. 18%.
1381. Honey is formed from the Nector by the action of enzyme ?
Ans. Invertase.
1382. Hopper burn in rice is caused by the infestation of ?
Ans. Nilaparvata lugens (BPH).

1383. Horizontal flow of water in irrigation channels or through canals is known as ?
Ans. Seepage.
1384. Horizontal movement of air is called ?
Ans. Wind.
1385. How many daughter cells are formed in one cycle of meiosis ?
Ans. Four.
1386. How many daughter cells are formed in one cycle of mitosis ?
Ans. Two.
1387. How many kind of cells are found in living world ?
Ans. 2 (Eukaryote and Prokaryote).
1388. How many no. of error variance are applied in Strip Plot Design ?
Ans. 3.
1389. How many pairs of homologous chromosomes in humans ?
Ans. 23.
1390. How much nursery area is required for transplanting 1 hectare of paddy crop ?
Ans. 1000 square metre.
1391. How much sugar contains in ripe banana ?
Ans. 14 gram.
1392. How much water contains by water melon fruit ?
Ans. 90-95%.
1393. Hulling percentage of rice is ?
Ans. 70-75%.
1394. Humid regions normally receives a rainfall of ?
Ans. >1000 mm
1395. Husk burial for moisture conservation is practiced in ?
Ans. Coconut.
1396. Hybrid Napier is evolved by crossing ?
Ans. Pennisetum typhoides x Pennisetum purpureum
1397. Dr. B. P. Pal is a variety of ?
Ans. Rose.
1398. Hybrid varieties of maize ?
Ans. Ganga-1, 3, 5, 101, Ganga safed-2, Ranjit, Ganga-4.
1399. Hybrid variety of rice is developed by using ?
Ans. GMS and CGMS line.
1400. Hybrid variety of mustard Pusa Jai Kisan is also called ?
Ans. Bio 902.
1401. Hybrid variety was first exploited in ?
Ans. Maize.
1402. Hybrids varieties of Pearlmillet ?
Ans. HB- 1 to 5 and Pusa 23.
1403. Hydraulic sprayer work by ?
Ans. Compressing liquid.
1404. Hydrogen Sulphide injury is less in soil rich in ?
Ans. Iron.
1405. Hydrothermal process of rice which saves vitamin B12 ?
Ans. Parboiling.
1406. Hygrometer is used to measure ?
Ans. Humidity.

1407. Hygroscopic water is held tenaciously with a tension of ?
Ans. > 31 atmosphere.
1408. Hyperploid have one extra chromosome ?
Ans. Trisomic (2n+1).
1409. Hypogeal germination is found in ?
Ans. Cereals, Gram, Arhar, Lentil.
1410. Fire curing is followed in ?
Ans. Chewing type tobacco.
1411. I budding is almost similar to ?
Ans. T Budding.
1412. Which states are the highest & lowest producer of potato crop ?
Ans. Uttar Pradesh and Jharkhand.
1413. IADP also known as ?
Ans. Package Programme.
1414. IADP means?
Ans. Integrated Area Development Programme.
1415. IBD (Infectious bursal disease) in poultry is caused by ?
Ans. Virus.
1416. ICIA means ?
Ans. International crop Improvement Associations.
1417. ICRISAT is located at ?
Ans. Hyderabad.
1418. ICT ?
Ans. Information and Communication Technology.
1419. Ichthyology is the study of ?
Ans. Fishes.
1420. Ideal stage of jute harvesting for fibre purpose ?
Ans. Small pod stage/initiation of pod formation (135-140 DAS).
1421. Identical plants developed from a single mother plant vegetatively are known as ?
Ans. Clones.
1422. IDM means ?
Ans. Integrated Disease Management.
1423. If an interaction effect is confounded with all the replicates of the treatment ?
Ans. Complete/total confounding
1424. If farmer has only one irrigation is available for wheat crop, at which stage it is recommended ?
Ans. CRI(Crown root initiation).
1425. If properly canned, fruits can be stored for ?
Ans. 1-3 years.
1426. If sub treatments are laid out in strips then the design is called ?
Ans. Strip Plot Design.
1427. If the fiber length of a cotton hybrid variety is 25 mm, it classified under ?
Ans. Long staple cotton.
1428. IFAD means?
Ans. International Fund for Agricultural Development.
1429. IFAD headquarters is located at
Ans. Rome, Italy
1430. IIHR is located at ?
Ans. Bangalore.

1431. IISR-Varada , IISR-Rejatha & IISR- Mahima are varieties of ?
Ans.Dry Ginger.
1432. Imaginary line that represents the equal temperature ?
Ans.Isotherm.
1433. Imbibition concept is coined by ?
Ans.Julius von Sachs.
1434. Immobile element in plant is ?
Ans.Calcium.
1435. Immobile element in soil is ?
Ans.Phosphorus.
1436. Imperator is a variety of ?
Ans.Carrot.
1437. Imperial Agricultural Research Institute was started in the year ?
Ans.1903.
1438. Important nitrogen deficiency symptom ?
Ans.Yellowing of lower leaves.
1439. In a seed the food storage tissue is known as ?
Ans.Endosperm/Cotyledon.
1440. In a soil profile , 'A' & 'B' horizons together is known as ?
Ans.Solum.
1441. In a soil profile , A2 horizon is referred to as ?
Ans.Eluvial zone.
1442. In a soil profile , A3,B1&B3 horizons are known as ?
Ans.Transitional Layers.
1443. Crop grown for fibre and oil ?
Ans.Linseed.
1444. In a soil profile litter represents ----- horizon ?
Ans.A00 OR O1.
1445. In a soil when the exchangeable Calcium and Magnesium are lost by leaching , the acidity of the soil gradually ?
Ans.Increase.
1446. In a split plot design, 5 levels of main plot and 4 levels of sub plot treatments studied with 3 replications. What will be the d.f. for error b source ?
Ans.30.
1447. In a typical soil, the percentage by volume of soil air is ?
Ans.25%.
1448. In a typical soil , the percentage by volume of soil water is ?
Ans.25%
1449. In a waterlogged soil, the concentration of _____ is high ?
Ans.Methane.
1450. In acid soils , application of----- reduces acidity ?
Ans.Lime.
1451. In case of Bugs , fore wings are modified in to ?
Ans.Hemelytra.
1452. In case of Bugs, hind wings are of -----type ?
Ans.Membraneous.
1453. In case of Flies, hind wings are reduced to a club like structure called ?
Ans.Halteres.

1454. In case of insects undergoing complete metamorphosis, the stage between larva and adult is termed as ?
Ans.Pupa/Chrysalis.
1455. In case of Lepidopteran pests, control operations should target-stage ?
Ans.Larval.
1456. In diffusion, particle/molecules moves from region of ?
Ans.Higher to lower concentration.
1457. In drip irrigation system water saving to the extent of -----% ?
Ans.50-70.
1458. In evapotranspiration, loss of water occurs from-----&-----?
Ans.Soil & Plant Surface.
1459. In grasshopper the number of spiracles is ?
Ans.18.
1460. In Honeybee colonies, fertile males are known as ?
Ans.Drones.
1461. In humus the C.N. Ratio is ?
Ans.10:1.
1462. Imperial Agricultural Research Institute (IARI) was started at Pusa in ?
Ans.Bihar (1903).
1463. In India, nearly-----% of total crop loss is caused by diseases ?
Ans.20%.
1464. In India, nearly-----% of total crop loss is caused by Insects ?
Ans.30%.
1465. In India, nearly-----% of total crop loss is caused by weeds ?
Ans.45%.
1466. In India, plant protection chemicals used, nearly 80% belongs to ?
Ans.Insecticides.
1467. In India, Community Development Programme was started in the year ?
Ans.1952.
1468. In India seed certification is ?
Ans.Voluntary.
1469. In India seed labeling is ?
Ans.Compulsory.
1470. In India the seeds act was came into effect in the year ?
Ans.1969.
1471. Pusa Sanyog is a variety of ?
Ans.Cucumber.
1472. In low land rice, fertilizer is applied in ?
Ans.Reduced zone only.
1473. In LSD, the no. of row or column or treatment is equal to ?
Ans.No. of replications (r = c = t).
1474. In normal soils bacteria and actinomycetes thrives better in pH value ?
Ans.Intermediate & Higher.
1475. In paddy the most critical stage for irrigation ?
Ans.Panicle Inniation.
1476. In pesticidal formulations, 'AF' means ---
-----?
Ans.Aqua Flowable.

1477. In pesticidal formulations , 'DP' means ---
-----?
Ans.Dustable Powder.
1478. In pesticidal formulations , 'EC' means ---
-----?
Ans.Emulsifiable Concentrate.
1479. In pesticidal formulations , 'G' means ---
-----?
Ans.Granule.
1480. In pesticidal formulations , 'SL' means ---
-----?
Ans.Soluble liquid.
1481. In pesticidal formulations , 'SP' means ---
-----?
Ans.Soluble Powder.
1482. In pesticidal formulations , 'WP' means
-----?
Ans.Wettable Powder
1483. In pesticidal formulations , 'WSC' means
-----?
Ans.Water Soluble Concentrate.
1484. In plant pathology 'MLO' means-----?
Ans.Mycoplasma Like Organism.
1485. In Plant protection , 'Bt' means -----
-----?
Ans.Bacillus thuringiensis.
1486. In Plant Protection , 'GV' means-----?
Ans.Granulosis Virus.
1487. In plant tissue culture , 'HEPA' means ---
-----?
Ans.High Efficiency Particulate Air.
1488. In Rag doll method of testing seed
germination , flannel clothes used of size ?
Ans.35cm×27.5cm.
1489. In RBD, the number of blocks is equal to ?
Ans.No. of replications (b = r).
1490. In Rice , Bacterial leaf blight is caused by-
-----?
Ans.Xanthomonas Spp (bacteria).
1491. In rice 'Dapog seedlings' are ready for
transplanting ?
Ans.11-14 DAS .
1492. In rice production India ranks ?
Ans.2nd.
1493. In Root wilt affected areas hybrid variety of
Coconut is recommended for cultivation ?
Ans.Chandrasankara.
1494. In seed technology , 'PBR' means-----?
Ans.Plant Breeders Right.
1495. In seed technology , 'PLS' means-----?
Ans.Pure Live Seed.
1496. In seed technology , 'TLS' means---?
Ans.Truthfully Labelled Seeds.
1497. In soil sampling , soils up to a depth of
-----inches is collected from surface
soil ?
Ans.9 inches.
1498. In soil science , 'WHC' means?
Ans.Water Holding Capacity.
1499. In soil solarization , polythene sheets of
-----thickness is used ?
Ans.100-150 gauge.

1500. IW/CPE Ratio of Rice ?

Ans.1.2 (Highest).

1501. In soil testing laboratories, -----method is used for the estimation of Potassium ?

Ans.Flame Photometric.

1502. In soil testing laboratories, method is used for the estimation of Phosphorus ?

Ans.Brays.

1503. In soil testing laboratories Gypsum requirements is found out by using method ?

Ans.Schoonorvar's

1504. In soil testing organic carbon is estimated by using method ?

Ans.Calometric.

1505. In soil testing soil nitrogen is estimated from the calculation of ?

Ans.Organic Carbon.

1506. In soil the content is generally higher during summer and lower during winter ?

Ans.CO2.

1507. Particle density of a mineral soil is expressed in ?

Ans.Gram/CC.

1508. In Strip Plot Design, which one is to be tested with higher precision ?

Ans.Interaction.

1509. In sugarcane the most important critical stage for irrigation ?

Ans.Formative.

1510. In the atmosphere, which of the following gases account for about 99 % by ?

Ans.Nitrogen, Oxygen, Carbon dioxide.

1511. In the Northern hemisphere, Stevenson's screen door open towards ?

Ans.North .

1512. In the Northern hemisphere wind moves around anticyclones in ?

Ans.Clockwise direction ?

1513. In the Northern hemisphere, wind moves around cyclones in ?

Ans.Anticlockwise direction.

1514. In the rice plant ,leaves are arranged in-----manner ?

Ans.Alternate.

1515. In the Southern hemisphere wind moves around anticyclones in ?

Ans.Anticlockwise direction.

1516. In the Southern hemisphere wind moves around cyclones in ?

Ans.Clockwise direction.

1517. In the term 'LC 50', LC stands for ?

Ans.Lethal Concentration.

1518. In the term 'LD50', LD stands for?

Ans.Lethal Dose.

1519. In waterlogged rice field, atmospheric nitrogen can be fixed to the soil by ?

Ans.BGA.

1520. In which cells does mitosis occur ?

Ans.Somatic cells.

1521. In which cells does the meiosis occur?

Ans.Reproductive cells

1522. In which ecosystem, producers are of large size ?

Ans.Grassland ecosystem.

1523. In which garden, arrangement of rocks is main feature?
Ans. Japanese garden.
1524. In which planting system, a tree is planted on a corner of each angle ?
Ans. Triangle System.
1525. In which stage, crossing over takes place ?
Ans. Pachytene stage.
1526. In which year Govt. of India Passed national seed corporation ?
Ans. 1963.
1527. In which year National Seed Policy was announced ?
Ans. 2002.
1528. Inability of a plant to resist the effect of pathogen ?
Ans. Susceptibility.
1529. Inability of freshly harvested seeds to germinate for a period of time is known as ?
Ans. Dormancy.
1530. Inbred lines will lead to no. of single crosses. ?
Ans. 10.
1531. Income Tax is an example of ?
Ans. Direct tax.
1532. IW/CPE Ratio of Safflower ?
Ans. 0.4 (lowest).
1533. Increase in money supply and fall in production causes ?
Ans. Inflation.
1534. Increased fruit size in grapes is due to application of ?
Ans. GA3
1535. Increasing industrialisation is causing much danger to man's life by ?
Ans. Polluting the environment.
1536. India has an arable land of ?
Ans. 168 million hectares.
1537. India has the largest area in the world under ?
Ans. Pulse crops.
1538. India holds position the production of sugarcane and sugar in the world is?
Ans. First.
1539. India's Bread Basket?
Ans. Punjab.
1540. India's first Agricultural university was started in-----at-----?
Ans. 1960, Pantnagar.
1541. India's global position in agricultural production?
Ans. 2nd.
1542. India's global position in the production of natural Rubber ?
Ans. 4th.
1543. India's share in the world production of mango is about ?
Ans. 54%.
1544. Indian Cardamom Research Institute is located at ?
Ans. Myladumpara, Idukki.
1545. Indian Council of Agriculture Research (ICAR) est. ?
Ans. July 16, 1929, on the basis of Royal Commission 1928.

1546. Indian dwarf/Club wheat is ?
Ans.T. sphaerococum (2n= 28).
1547. Indian Farmer's Fertilizer Cooperative ?
Ans.Iffco.
1548. Indian Forest Act was come in existence ?
Ans.1927.
1549. Indian geostationary satellite used to take cloud pictures ?
Ans.Insat 2-A.
1550. Indian Institute of Pulses Research is located at ?
Ans.Kanpur, Uttar Pradesh.
1551. Indian Institute of Spices Research is located at ?
Ans.Kozhikode (Kerala).
1552. Indian Institute of Sugarcane Research (IISR) is situated at ?
Ans.Lucknow, Uttar Pradesh.
1553. Indian Institute of Vegetable Research is located in ?
Ans.Varanasi UP.
1554. Pusa Majesty is a -----?
Ans.Gynodioecious Variety.
1555. Indian Meteorological Organization (IMD) situated in ?
Ans.Pune (1932).
1556. IW/CPE Ratio of Cotton ?
Ans.0.7.
1557. IW/CPE Ratio is 0.9 of which crop?
Ans.Wheat and Maize.
1558. Indian/old world cottons are ?
Ans.Gossipium arborium, G. herbacium.
1559. Indica rice is grown in ?
Ans.India.
1560. Indira gandhi Agricultural University started in the year ?
Ans.1987.
1561. INDOFIL M45 is the trade name of ?
Ans.Mancozeb.
1562. Indu is a popular variety of ?
Ans.Ash gourd (Benincasa hispida).
1563. Infiltration rate is relatively higher in ?
Ans.Sandy soil.
1564. Inflection point is found on ?
Ans.Irrational zone.
1565. IW/CPE Ratio is 0.6 of which crop ?
Ans.Gram, Groundnut and Pigeonpea.
1566. Initial distinguishing character for identification of Phalaris minor ?
Ans.It is basal node is pink upto 50 days.
1567. In layering the rooting medium is taken to the branches ?
Ans.Air layering.
1568. Inorganic acids such as Sulphuric acid & Nitric acid are potent suppliers of ions in the soil ?
Ans.Hydrogen.
1569. Inorganic matter comprises -----% of soil ?
Ans.45%.
1570. Insect pests belong to the phylum ?
Ans.Arthropoda.
1571. Insecticidal properties of BHC was discovered by ?
Ans.Dupire.

1572. Insecticidal properties of DDT was discovered by ?
Ans. Dr. Paul Muller 1939.
1573. Insecticide Act was introduced in ?
Ans. 1968.
1574. Insecticide dust carriers have a particle size of ?
Ans. 1-40 micron.
1575. Insecticide found in fat issue of milch animals ?
Ans. DDT.
1576. Insecticide of plant origin is ?
Ans. Azadiractin.
1577. Insecticide rules were came into force in ?
Ans. 1971.
1578. Insecticide that was used widely in Cashew ?
Ans. Endosulfan.
1579. Insecticides used in gaseous forms are called ?
Ans. Fumigants.
1580. Insects belong to the class ?
Ans. Insecta/Hexapoda.
1581. Insects have number of legs ?
Ans. 6.
1582. Insects have-----pair of wings ?
Ans. One or Two.
1583. Full form of DARE ?
Ans. Department of Agricultural Research and Education.
1584. Instrument to measure RH ?
Ans. Psychrometers and Hygrometers.
1585. Instrument used for estimating ET under field condition ?
Ans. Can Evaporimeter.
1586. Instrument used for measuring concentration of ozone in air ?
Ans. Ozonometer.
1587. Instrument used for measuring duration of solar radiation ?
Ans. Sunshine recorder.
1588. Instrument used for measuring intensity of solar radiation ?
Ans. Luxmeter.
1589. Instrument used for measuring relative humidity in the crop field ?
Ans. Psychrometer.
1590. Instrument used for measuring wind direction ?
Ans. Wind vane.
1591. Instrument used for measuring wind velocity ?
Ans. Anemometer.
1592. Instrument used for soil collection in wet lands ?
Ans. Soil auger.
1593. Most Poisonous pollutant in water is ?
Ans. Arsenic.
1594. Intensive Agriculture Development Programme (IADP) launched in ?
Ans. July, 1960.
1595. Interculture operation in groundnut crop should be avoided at ?
Ans. Pegging stage.
1596. Internal fruit necrosis is due to ?
Ans. Boron deficiency.

1597. International Centre for Research in Agroforestry (ICRAF) is situated at ?
Ans.Nairobi, Kenya.
1598. International Crop Research Institute for the Semi-Arid Tropics (ICRISAT) is located at ?
Ans.Hyderabad, Andhra Pradesh.
1599. International Day of Biodiversity' is observed on ?
Ans.May 22.
1600. International Seed Testing Association (ISTA) was established in ?
Ans.1924.
1601. Inter-racial hybridization programme between japonicas and indicas was initiated during 1950-54. "Which crop does this signify ?
Ans.Rice.
1602. Interspecific varieties of cotton ?
Ans.Varalaxmi, DCH-32 (hybrid), HB-224, DHB-105.
1603. Interveinal chlorosis occurs due to ?
Ans.Mg and Fe deficiency.
1604. Interveinal chlorosis in Rubber is due to ?
Ans.Magnesium deficiency.
1605. Total KVK in India upto 2017 ?
Ans.695.
1606. Intraspecific varieties of cotton ?
Ans.H-4, 6, Savita, Surya (hybrid), JKHY-1.
1607. -----introduced cashew to India ?
Ans.Portuguese.
1608. In-----type of garden contains symmetry & geometry ?
Ans.Formal.
1609. Inverted 'T' budding is observed in ?
Ans.Rose.
1610. Invitro culture of plant cells , tissues & organs under aseptic condition is known as ?
Ans.Plant tissue culture.
1611. IRDP was Implemented in ?
Ans.1980.
1612. Irish Famine was due to ?
Ans.Late blight of Potato caused by Phytophthora infestans.
1613. IRMA (Institute of rural management in Agriculture) is located at ?
Ans.Anand, Gujarath.
1614. Irregular shape is the nature of-----
--type of garden ?
Ans.Informal.
1615. IRRI (International Rice Research Institute) is located at ?
Ans.Manila, Philippines.
1616. Irrigation is applied to the crop at ?
Ans.50% soil moisture depletion stage.
1617. Irrigation method suitable for lowland rice ?
Ans.Flooding.
1618. Irrigation method, suitable for undulating land, sandy soils and Vegetable and fruit crops ?
Ans.Sprinkler method.
1619. Irrigation project covered < 2,000 ha of CCA ?
Ans.Minor irrigation project.

1620. Irrigation project covered >10,000 ha of catchments command area (CCA) ?
Ans. Major irrigation project.
1621. Irrigation project covered 2,000 to 10,000 ha of CCA ?
Ans. Medium irrigation project.
1622. Irritation of eye due to cutting onion is due to presence of ?
Ans. Syn-propanethial-S-oxide.
1623. Recently banned pesticide is ?
Ans. Endosulfan (2013).
1624. -----is a an effective mechanical trap to control Norway rats damaging paddy crop ?
Ans. Moncompu Pot Trap.
1625. -----is a antifungal antibiotic ?
Ans. Aureofunginsol/Griseofulvin.
1626. -----is a associative nitrogen fixing bacteria ?
Ans. Azospirillum.
1627. -----is a bacterial blight resistant variety of Rice ?
Ans. Asha/Makam/Kanakam/Jaya.
1628. -----is a Bacterial wilt resistant F1 hybrid variety of Brinjal ?
Ans. Neelima.
1629. -----is a bacterial wilt resistant variety of tomato ?
Ans. Sakthi, mukthi.
1630. -----is a Banana variety recommended for High range region ?
Ans. Boldles Altafort.
1631. -----is a Beverage crop ?
Ans. Betel Vine/Cocoa/Tea/Coffee/Tobacco/Arecanut.
1632. -----is a bio-control agent against adult Rhinoceros beetles.
Ans. Baculovirus.
1633. -----is a bio-control agent against the grubs of Rhinoceros beetles.
Ans. Metarrhizium anisopliae
1634. -----is a Bio-control agent effective against many diseases in spices.
Ans. Trihoderma Spp/Flourescent pseudomonas
1635. -----is a bio-control agent used against Eupatorium.
Ans. Mexican gall fly.
1636. -----is a Blast resistant variety of Rice.
Ans. Kairali/Kanchana/Swarnaprabha
1637. -----is a Botanical insecticide.
Ans. Tobacco, Decoction, Neem oil.
1638. -----is a BPH resistant variety of Rice ?
Ans. Jyothi/Bharathi/Kanakam/Pavizham/Nil.
1639. -----is a breed of Goat ?
Ans. Malabari/Jamunapari/Angora.
1640. -----is a Bulky organic manure ?
Ans. Farm Yard Manure/Compost/Green Manure.
1641. -----is a cassava mosaic tolerant variety of Tapioca ?
Ans. H-97.

1642. -----is a cereal crop ?
Ans.Rice, Wheat, Barley, Oats.
1643. -----is a chronic poison ?
Ans.Warfarin.
1644. -----is a commonly used acaricide ?
Ans.Sulphur.
1645. ----- is a commonly used Rodenticide ?
Ans.Aluminium Phosphide.
1646. -----is a Complex fertilizer ?
Ans.Diammonium phosphate/Ammonium phosphate.
1647. -----is a concentrated organic manure ?
Ans.Bloodmeal/Meatmeal/Oilcakes/Fishmeal.
1648. -----is a contact fungicide ?
Ans.Bordeaux Mixture/Thiram/Maneb.
1649. -----is a contact herbicide ?
Ans.Paraquat, Propanil.
1650. -----is a copper containing fungicide ?
Ans.COC, Brodeaux Mixture.
1651. -----is a cross between Hybrid tea rose & Floribunda rose ?
Ans.Grandiflora rose.
1652. -----is a culinary variety of Banana ?
Ans.Monthan/Batheesa/Kanchevela/Nendrapadathy.
1653. -----is a cut foliage plant ?
Ans.Alocasia/Maranta/Thuja.
1654. -----is a dairy breed of cattle ?
Ans.Sahiwal/Sindhi/Gir.
1655. Unit of Absolute humidity is ?
Ans.g/m³.
1656. -----is a direct method of assessment of pests ?
Ans.Light traps.
1657. -----is a disease affecting Rice crop in high ranges of India ?
Ans.Udbatta Disease.
1658. -----is a disease caused by Phytoplasma in coconut ?
Ans.Root Wilt.
1659. -----is a disease caused by Phytoplasma in Rice ?
Ans.Rice Yellow Dwarf.
1660. Unit of Specific Humidity is ?
Ans.g/kg.
1661. -----is a disease of Rice affecting the grains ?
Ans.False smut/Udbatta.
1662. -----is a disease that have constant presence in a locality ?
Ans.Endemic Disease.
1663. -----is a domestic rat ?
Ans.House rat/House mouse/Large bandicoot rat.
1664. -----is a draft breed of cattle ?
Ans.Hallikar/Amritmahal/Nagore.
1665. -----is a draught breed of cattle ?
Ans.Amrit Mahal/ Nagori/Malvi/ Khillari/ Kangayam/ Krishna Valley.
1666. -----is a dual purpose breed of cattle ?
Ans.Haryana/Ongole/Kankrej.

1667. ----- is a dual purpose variety of Cowpea ?
Ans.Kanakamony.
1668. -----is a F1 hybrid of Brinjal ?
Ans.Nelima.
1669. -----is a farmer friendly method of testing seed germination ?
Ans.Rag doll method.
1670. -----is a field rat ?
Ans.Large bandicoot rat/Lesser bandicoot rat/Field mouse/White rat/Long tailed tree mouse/Norway rat/Soft furred field rat/Bush rat.
1671. -----is a flowering tree ?
Ans.Cassia fistula/ Delonix regia.
1672. -----is a fodder cereal ?
Ans.Fodder Maize/Fodder Sorghum.
1673. -----is a fodder crop ?
Ans.Guinea, Napier, Bermuda.
1674. -----is a fodder legume ?
Ans.Fodder Cowpea/Stylo.
1675. -----is a fodder tree ?
Ans.Subabul/Hedge Lucerne/Agathi/Shevri.
1676. -----is a foliage tree ?
Ans.Polyalthia longifolia.
1677. -----is a food preservative ?
Ans.Citric acid.
1678. -----is a fruit crop ?
Ans.Mango, Banan, Papaya, Orange.
1679. -----is a fumigant in dust form ?
Ans.Calcium Cyanide, Sodium Cyanide.
1680. -----is a fumigant in liquid form ?
Ans.Methyl Bromide.
1681. -----is a fumigant in mixture form?
Ans.ED/CT Mixture.
1682. -----is a fumigant?
Ans.Aluminium Phosphide, Methyl Bromide.
1683. -----is a fungal disease of Banana?
Ans.Panama wilt/Sigatoka leaf spot.
1684. -----is a fungal parasite of mites?
Ans.Hirsutella thompsonii.
1685. -----is a fungal species having insecticidal properties ?
Ans.Beauveria/Metarrhizium/Verticillium/Hirsutella.
1686. -----is a fungicide used for dry seed treatment ?
Ans.Carbendazim.
1687. -----is a fungicide used for seed treatment in Rice ?
Ans.Bavistin.
1688. -----is a fungicide used for seed treatment ?
Ans.Captan/Thiram.
1689. Is a fungus that causes many important plant diseases in India ?
Ans.Phytophthora.
1690. Is a gall forming bacteria ?
Ans. Agrobacterium sp.
1691. -----is a garden in which rocks are arranged and plants cultivated in a carefully designed, decorative scheme ?
Ans.Rockery/Rock garden.

1692. -----is a garden tool used for pruning and topiary ?
Ans. Shear.
1693. -----is a garden tool used for pruning in Rose ?
Ans. Secateur.
1694. -----is a gelling agent in culture medium ?
Ans. Agar.
1695. -----is a Genetically Modified (GM) variety of Rice ?
Ans. Suvarna.
1696. -----is a grain type variety of Cowpea ?
Ans. Krishnamony/Pusa Do Fasli/Pusa Phalguni.
1697. -----is a Green Leaf Manure crop ?
Ans. Glyricidia/Subabul/Cassia.
1698. -----is a Green Manure crop ?
Ans. Sunn hemp/Daincha/Wild indigo/Indigo.
1699. -----is a Group contact method of Extension ?
Ans. Method demonstration/Field trips/Workshops/Group discussion.
1700. -----is a hedge plant ?
Ans. Lawsonia/Phyllanthus/Thuja.
1701. -----is a hemoprotein found in the root nodules of leguminous plants ?
Ans. Leghaemoglobin.
1702. -----is a high cloud ?
Ans. Cirrus, Cirro-Stratus, Cirro-Cumulus.
1703. -----is a high volume sprayer ?
Ans. Knapsack, Rocker, Hand Sprayer.
1704. -----is a high yielding clone of Rubber ?
Ans. RRII 105.
1705. -----is a hybrid variety of Coconut ?
Ans. Lakshaganga/Anandaganga/Keraganga/ Kerasankara/Chandrasankara/Krasree/Kerasoubhagya/Chandralaksha.
1706. -----is a juvenile hormone insecticide ?
Ans. Altosid.
1707. Is a larval parasite of Rice stem borer ?
Ans. Xanthopimpla sp.
1708. Line joining uniform values of any phenomena ?
Ans. Isopleths.
1709. -----is a leaf spot resistant variety of Amaranth ?
Ans. CO-1.
1710. -----is a lithophytic orchid ?
Ans. Diplomeris/Geodorum.
1711. -----is a long day plant ?
Ans. Wheat, Barley, Sugarbeet.
1712. -----is a low cloud ?
Ans. Strato-Cumulus/Nimbus.
1713. -----is a low volume sprayer ?
Ans. Power Sprayer.
1714. -----is a major component of green house gases ?
Ans. Chloro-Fluro Carbon.

1715. -----is a major disease of Sugarcane ?
Ans.Red rot.
1716. -----is a major non-insect pest of Coconut in now a days ?
Ans.Coconut Eriophyid mite.
1717. -----is a major pest of Banana ?
Ans.Pseudostem weevil.
1718. -----is a major pest of sweet potato ?
Ans.Sweet potato weevil.
1719. -----is a mass contact method of Extension ?
Ans.Newspapers/Television/Radio/Magazines/Bulletins.
1720. -----is a mature ovule containing an embryo?
Ans. Seed.
1721. -----is a medicinal crop ?
Ans.Asparagus, Sida, Neela, Amari.
1722. -----is a medicinal plant that promotes hair growth ?
Ans. Neela Amari – Nili.
1723. -----is a Mediterranean class poultry ?
Ans.Leghorn/Minorca/Ancona/Spanish/Andalusian.
1724. Is a metamorphic rock formed from limestone ?
Ans.Marble.
1725. -----is a metamorphic rock ?
Ans.Slate.
1726. Is a method of Hydrothermal disinfection of soil ?
Ans.Soil Solarization.
1727. -----is a method of testing seed germination ?
Ans.Rag Doll Method, Paper Method.
1728. -----is a micronutrient ?
Ans.Iron/Manganese/Copper/Zinc/Boron/Molybdenum.
1729. -----is a middle cloud ?
Ans.Alto-Stratus, Alto-Cumulus.
1730. -----is a millet ?
Ans.Ragi, varaku, Maize, bajra.
1731. Is a Mollusc species causing widespread damages to many crops ?
Ans.Snail.
1732. Leaf area index was given by ?
Ans.Watson (1947) .
1733. -----is a monopodial orchid ?
Ans.Vanda/Arachnis/Vanilla/Renanthera.
1734. -----is a Moringa variety ?
Ans.KM-1 , PKM-1.
1735. -----is a Mycoherbicide ?
Ans.Devine, Collego, ABG-5003.
1736. -----is a narcotic crop ?
Ans.Indian Hemp, opium.
1737. -----is a Nematicide ?
Ans.D D mixture/ EDB/Vapam/Nemagon.
1738. -----is a nerve poison ?
Ans.Organo Phosphorous Compounds, Carbametes.
1739. -----is a Nicotinoid insecticide ?
Ans.Imidacloprid-Confidor.

1740. -----is a Nitrogen fixing bacteria ?
Ans. Rhizobium.
1741. -----is a non symbiotic nitrogen fixing bacteria ?
Ans. Azotobacter/Blue Green Algae.
1742. -----is a non-branching variety of Tapioca ?
Ans. M-4.
1743. ----- is a non-insect pest ?
Ans. Nematode, Snails, Rat.
1744. -----is a non-selective herbicide ?
Ans. Glyphosate, Paraquat.
1745. -----is a nutritional deficiency disease in cattle ?
Ans. Ketosis.
1746. -----is a Organo-carbamate insecticide?
Ans. Carbaryl, Carbofuran, Aldicarb.
1747. -----is a parasite of leaf eating caterpillar of Coconut ?
Ans. Goniozus nephantidis/Elasmus nephantidis/Bracon brevicornis.
1748. -----is a parasite that kills its host ?
Ans. Parasitoid.
1749. -----is a Parasite with broad spectrum activity ?
Ans. Beauveria bassiana.
1750. -----is a perennial cucurbit ?
Ans. Cocinnia, Koval.
1751. -----is a perennial weed plant ?
Ans. Cyperus.
1752. -----is a pest of Banana attacking its rhizom ?
Ans. Banana rhizome weevil.
1753. Is a pest of Rice that can cause severe damages in milky stage by making grains chaffy ?
Ans. Rice Gandhi Bug.
1754. Is a pest of stored product ?
Ans. Rice Weevil, Khapara Beetle, Red Flour, Lesser Grain.
1755. Is a pesticide adjuvant ?
Ans. Wetter, Spreader, Sticker.
1756. Is a Phanerogamic parasite ?
Ans. Loranthus, Cuscuta, Striga, Orobanche.
1757. Is a pheromone trap used against Red palm weevil ?
Ans. Ferroloure.
1758. -----is a photo-insensitive rice variety ?
Ans. I.R.8/Jaya.
1759. -----is a physical hydrological unit in which water from all over the area flows to a common drainage channel or outlet ?
Ans. Watershed.
1760. "A" value concept was given by ?
Ans. Dean and Fried.
1761. -----is a plant hormone in gaseous form ?
Ans. Ethylene.
1762. -----is a plantation crop ?
Ans. Tea, Coffee, Rubber, Cocoa.
1763. -----is a popular annual flowering plant ?
Ans. Marigold.

1764. Is a post-emergent herbicide ?
Ans. Glyphosate, Paraquat.
1765. Is a predator in Rice ecosystem ?
Ans. Spiders/Damsel fly/Dragon fly/Lady bird beetle.
1766. Is a pre-emergent herbicide ?
Ans. Atrazine, Diuron, Thiobencarb.
1767. -----is a primary tillage implement?
Ans. Wooden plough/Mouldboard plough/ Soil turning plough.
1768. Is a protectant fungicide ?
Ans. Zineb.
1769. Is a protoplasmic poison ?
Ans. Flourine Compound, Arsenic Compound.
1770. -----is a pulse crop ?
Ans. Black gram, Green Gram, Horse Gram.
1771. Is a reason for pest out break ?
Ans. Deforestation, Pest resurgence, Mutation.
1772. Is a respiratory poison ?
Ans. KCN/HCN.
1773. Photoperiodism concept was given by ?
Ans. Gardener and Allard 1920.
1774. -----is a rooting hormone ?
Ans. IAA/NAA/IBA.
1775. Is a scented Rice variety ?
Ans. Basmati.
1776. -----is a secondary tillage implement ?
Ans. Cultivator/Harrows/Clod Crushers.
1777. Is a selective herbicide ?
Ans. 2,4-D/Dalapon/Butachlor.
1778. -----is a serious pest of silkworm ?
Ans. Uzi-fly.
1779. -----is a shade tolerant vegetable ?
Ans. Colocasia.
1780. Is a sheath rot resistant variety of Rice ?
Ans. Aruna/Asha/Arathi/Remya.
1781. -----is a short day plant ?
Ans. Rice, Soyabean, Tobacco, Maize.
1782. -----is a short duration variety of Rice ?
Ans. Annapurna/Mattathriveni/Makam.
1783. -----is a single seeded cucurbit?
Ans. Chow-Chow.
1784. Is a small plot of rose plants grown in pots ?
Ans. Rosary.
1785. -----is a solanaceous vegetable crop ?
Ans. Brinjal/Chilli/Tomato.
1786. -----is a source of Cancer drug ?
Ans. Periwinkle.
1787. -----is a sowing method in Rice ?
Ans. Broadcasting, Dibbling, Transplanting.
1788. -----is a spice crop ?
Ans. Pepper, Cardamom, Clove, Ginger, Turmeric.
1789. -----is a spider orchid ?
Ans. Arachnis/Renanthera.
1790. Is a sprayer constantly used for spraying tree crops ?
Ans. Rocker sprayer.

1791. -----is a stoneless variety of Mango? **Ans.Sindhu.**
1792. -----is a subterranean orchid ? **Ans.Rhizanthella.**
1793. -----is a sub-tropical crop ? **Ans.Tea, Citrus.**
1794. -----is a sugar crop ? **Ans.Sugarcane, Sugarbeet.**
1795. -----is a suitable standard for growing Pepper ? **Ans.Erythrina/Ailanthus/Subabul/Kilingil.**
1796. Is a sure test for diagnosing Tungro disease in Rice ? **Ans.Iodine Test.**
1797. -----is a sympodial orchid ? **Ans.Dendrobium/Cattleya/Oncidium.**
1798. Is a synthetic pyrethroid ? **Ans.Allethern, Permethrin, Tetramethrin, Lambda Cyhalothrin/Karate**
1799. -----is a Blast resistant variety of rice ? **Ans.Mahamaya.**
1800. -----is a systemic fungicide ? **Ans.Benomyl/ Oxathin/ Carbendazim/ Tridemorph/ Metalaxyl, Bavistin, Ridomil.**
1801. Basmati Rice have special fragrance due to ? **Ans. 2-acetyl 1- pyrroline.**
1802. -----is a systemic granular insecticide ? **Ans.Phorate.**
1803. -----is a systemic herbicide ? **Ans.2,4-D, Dalapon.**
1804. -----is a Table variety of Banana ? **Ans.Robusta/Njalipoovan/Palayankodan**
1805. -----is a tree species suitable for Bonsai making ? **Ans.Cashew/Mango/Sapota/Tamarind.**
1806. -----is a temperate crop. **Ans.Apple, Peach, Plum, Potato, Carrot.**
1807. -----is a terrestrial orchid ? **Ans.Arandina/Spathogottis.**
1808. Is a terrestrial weed ? **Ans.Eupatorium/Phyllanthus/Sida/Tridax/ Emilia.**
1809. -----is a tolerant variety of Rice suitable in areas having Gall midge attack ? **Ans.Uma/Panchami/Pavithra.**
1810. -----is a tolerant variety of Rice suitable in areas having stem borer attack ? **Ans.IR- 20, Kanchan.**
1811. -----is a toxic mushroom genus ? **Ans.Amanita (phalloides).**
1812. -----is a transgenic variety of tomato ? **Ans.Flavr Savr.**
1813. -----is a tree belonging to Spices & Condiments ? **Ans.Tamarind.**
1814. -----is a tropical crop. **Ans.Rice, Coconut, Banana.**
1815. -----is a tropical orchid spice ? **Ans.Vanilla.**
1816. -----is a tuber crop ? **Ans.Tapioca, Sweet Potato, Colocasia.**

1817. -----is a type of water erosion ?
Ans.Splash, Sheet, Rill, Gully.
1818. -----is a type of wind erosion ?
Ans.Saltation, Suspension And Surface creep.
1819. -----is a variety of Arecanut ?
Ans.Mangala/Sumangala/Sreemangala.
1820. -----is a variety of Ashgourd ?
Ans.Indu, Kau Local.
1821. -----is a variety of Banana less susceptible to Bunchy top ?
Ans.Njalipoovan/Kooppillakannan/Kanchikela/Karpooravally.
1822. -----is a variety of Betel Vine ?
Ans.Thulasi/Venmani/Arikodi/Kalkodi/Karilanchi/Karpuram/Chelanthikar pur m/Peumkodi/Amaravila/Koottak-kodinandan.
1823. -----is a variety of Black gram ?
Ans.Syama/Sumanjana.
1824. -----is a variety of Brinjal ?
Ans.Surya/Swetha/Haritha/Pusa Purple Cluster.
1825. -----is a variety of Cardamom ?
Ans.ICRI-1/ICRI-2/PV-1/PV-2/MUDIGERE 1&2.
1826. -----is a variety of Colocasia ?
Ans.Sree Rashmi/Sree pallavi/Sree kiran.
1827. -----is a variety of Cucumber?
Ans.Mudicode Local,Soubhagya,Aruniam.
1828. -----is a variety of Dry Ginger ?
Ans.Maran/Wayanad/Valluvanad/Kuruppampady.
1829. -----is a variety of Green Ginger ?
Ans.Rio-De-Janeiro/China/Wayanad Local/Tefengiya.
1830. -----is a variety of Maize ?
Ans.Ganga Hybrid-1.
1831. -----is a variety of Nutmeg ?
Ans.IISR-Viswashree.
1832. -----is a variety of Pepper ?
Ans.Panniyur-1,2,3,4,5,6&7.
1833. -----is a variety of Pumpkin ?
Ans.Ambili/Suvarna/Saras/Sooraj.
1834. -----is a variety of Sapota ?
Ans.Pala/Calcutta Round.
1835. -----is a variety of Sesame ?
Ans.Thilothama/Soma/Surya/Thilak/Thilathara/Thilarani.
1836. -----is a variety of sweet potato ?
Ans.Sree Nandini/Sree Vardhini/Sree Retna.
1837. -----is a variety of Turmeric ?
Ans.Tekurpetta/Kanthi/Sobha/Varna/Sona/Prabha/Prathibha/Suvarna/Suga/Sugantham/Duggirala/Kodur/Armoor.
1838. -----is a variety of Tapioca with 5-6 months duration?
Ans.Vellayani Hraswa.
1839. -----is a vegetable type variety of Cowpea ?
Ans.Sharika/Malika/Vylathur local/Manjeri local/Vyjyanthi.
1840. -----is a virus disease affecting Rice ?
Ans.Tungro/Yellow dwarf/Grassy stunt/Ragged stunt.

1841. Depth of water requirement by a crop is known as ?
Ans.Delta.
1842. -----is a virus disease of Okra ?
Ans.Yellow vein mosaic.
1843. -----is a virus disease of banana?
Ans.Mosaic, Mottles, Katte, Kokkan, Bunchy Top.
1844. -----is a water-borne disease of Rice ?
Ans.BLB, Sheath Blight of Rice.
1845. -----is a wetland weed ?
Ans.Marselia / Eichhornia / Salvinia / Nymphaea/Nelumbo.
1846. -----is a wetting agent in pesticide formulations ?
Ans.Polyethylene oxide/Fatty Acid Esters.
1847. -----is a Yellow vein mosaic disease resistant variety of Okra ?
Ans.Arka Abhay/Arka Anamika/Susthira/Varsha.
1848. Is an acaricide ?
Ans.Dicofol, Chlorobenzilate.
1849. Is an acute poison ?
Ans.Zinc Phosphide.
1850. -----is an agricultural extension programme of India ?
Ans.HYVP/IADP/Training & Visit/Group Farming.
1851. -----is an agronomic method of soil and water conservation ?
Ans.Mulching, Contour, Mixed cropping.
1852. -----is an Amide fertilizer ?
Ans.Urea.
1853. -----is an American class poultry ?
Ans.Rhode Island Red/New Hampshire/ Plymouth Rock/Wyandotte.
1854. Is an annual weed plant ?
Ans.Leucas , Echinochloa.
1855. -----is an anti juvenile hormone insecticide ?
Ans.Perconise.
1856. Is an antibiotic used for controlling bacterial blight disease in Rice ?
Ans.Streptocycline,Plantomycin.
1857. Is an anticoagulant rodenticide?
Ans.Warfarin.
1858. -----is an aromatic plant ?
Ans.Lemon Grass, Eucalyptus.
1859. Area irrigated by one cusec discharge of water is ?
Ans.Duty.
1860. -----is an Asiatic class poultry ?
Ans.Brahma/Cochin/Langshan.
1861. -----is an auxin used as a herbicide ?
Ans.2,4-D.
1862. Is an easy and effective test for diagnosing bacterial leaf blight disease in Rice ?
Ans.Ooze Test.
1863. -----is an edge plant ?
Ans.Alternanthera/Gerbera/Miniature Rose/ Portulaca.
1864. Rancidity in Sunflower oil due to ?
Ans.Oxidation.
1865. Is an eg. for 'GREEN FUNGICIDE'?
Ans.Tricyclazol/Validamycin/Fosetyl-al.

1866. Is an effective method for controlling pests of stored food grains is ?
Ans. Fumigation.
1867. -----is an eg. for a Biofertilizer ?
Ans. Rhizobium/Azotobacter/Azospirillum/BlueGreenAlgae/VAM/AMF/Phosphate solubilising Bacteria and Fungi.
1868. The enzyme of nitrogen reduction is?
Ans. Nitrogenase.
1869. Is an eg. For a primary clay mineral present in the soil ?
Ans. Quartz, Feldspar, Mica.
1870. Is an eg. For a secondary clay mineral ?
Ans. Montmorillonite, Illite, Calcite.
1871. Is an eg. for acidic igneous rock ?
Ans. Granite.
1872. Is an eg. for an emulsifier in pesticide formulations ?
Ans. Sodium Oleate, Triethanol Amine.
1873. Is an eg. for an Inorganic insecticide ?
Ans. Arsenic Compound, Flourine.
1874. Is an eg. for anti-fungal antibiotic ?
Ans. Aureofungin/ Streptomycin.
1875. -----is an eg. for cut flowers ?
Ans. Rose/Orchid/Gladiolus/Anthurium.
1876. Is an eg. for Cyclodiene group of insecticides ?
Ans. Heptachlor, Aldrin, Endrin.
1877. Is an eg. for deflocculating agent in pesticide formulations ?
Ans. Gelatin.
1878. -----is an eg. for informal gardens ?
Ans. English garden/Japanese garden.
1879. -----is an eg. for formal gardens ?
Ans. Mughal garden/Italian garden/ Vrindavan garden/Persian garden.
1880. Is an eg. for heterocyclic nitrogenous fungicide ?
Ans. Captafol/Captan.
1881. Is an eg. for nematicide ?
Ans. Aldicarb, Dimethoate, Phorate.
1882. -----is an eg. for obligate apomicts ?
Ans. Mangosteen.
1883. Is an eg. for Organic sulphur fungicide ?
Ans. Thiram/Ziram/Ferbam/Zineb/Maneb.
1884. Triacantanol is a growth stimulant obtains from ?
Ans. Leaves of Lucern.
1885. Is an eg. for safeners in pesticide formulations ?
Ans. Zinc Sulphate.
1886. Is an eg. for spreaders in pesticide formulations ?
Ans. Soap Flour.
1887. Is an eg. for stickers in pesticide formulations ?
Ans. Fish oil & Linseed Oil.
1888. Is an eg. for a parasitoid ?
Ans. Trichogramma chilonis.
1889. The low pressure area near the equator is called ?
Ans. Doldrums/ITCZ.
1890. Is an eg. for Entomopathogen ?
Ans. Bacillus thuringiensis.

1891. Crop which has highest k⁺ uptake ?
Ans. Potato.
1892. Is an egg parasite ?
Ans. Trichogramma sp / Telenomus sp / Tetrastychus sp.
1893. -----is an engineering (Mechanical) method of soil and water conservation ?
Ans. Basin listing, Sub Soiling, Contour Bunding.
1894. The element of nitrate reduction is ?
Ans. Molybdenum.
1895. Is an entomopathogenic fungus used against Black pea aphid of Cow Pea ?
Ans. Fusarium pallidroseum.
1896. Is an entomopathogenic fungus ?
Ans. Metarrhizium anisopliae.
1897. -----is an epiphytic orchid ?
Ans. Dendrobium/Oncidium/Cattleya/Cymbidium/Phalaenopsis.
1898. Is an eradicant fungicide ?
Ans. Sulphur mix.
1899. -----is an erosion permitting crop ?
Ans. Sorghum/Maize/Tapioca.
1900. -----is an erosion resisting crop ?
Ans. Vetiver, Groundnut, Horsegram
1901. In which effect vertical heat transfers from warmer to cooler crop area ?
Ans. Oasis effect.
1902. -----is an example for a condiment ?
Ans. Coriandr/Cumin.
1903. -----is an example for a cool season crop
Ans. Barley/Wheat/Potato/Carrot.
1904. -----is an example for a fibre crop.
Ans. Cotton/Jute/Sunhemp/Agave/Flax.
1905. ----- is an example for a green manure crop ?
Ans. Glyricidia/Daincha/Subabul.
1906. Is an example for a Predator ?
Ans. Lady Bird Beetles/Tiger Beetle/Lycosa Spider.
1907. -----is an example for a vegetable crop ?
Ans. Tomato/Brinjal/Amaranthus/Snake gourd.
1908. Is an example for an antibacterial antibiotic ?
Ans. Agimycin/Plantomycin.
1909. Is an example for an antifungal antibiotic ?
Ans. Aureofunginsol.
1910. Is an example for Chemosterilant ?
Ans. Tapa, Metepa.
1911. Is an example for insects with complete metamorphosis ?
Ans. Moths/Butter flies/Beetles/bees/waps/ants/Fleas.
1912. Is an example for insects with incomplete metamorphosis ?
Ans. Grasshoppers/Locusts/Bugs/Aphids/cockroch/termites/ Crickets.
1913. Is an example for insects without metamorphosis ?
Ans. Silver fish/Springtails.
1914. Is an example of cultural control of insect pests ?
Ans. Mixed cropping/Tilling/Trap cropping.

1915. Horizontal heat transfer from warmer area to cooler area, the effect is known as ?
Ans. Cloth line effect.
1916. -----is an exotic breed of cattle ?
Ans. Brown-swiss/Holstein Friesian/Ayrshire/Guernsey/Jersey.
1917. -----is an Extension aid ?
Ans. Charts/Posters/Leaflets/Pamphlets/Bulletin Board/Slide show.
1918. -----is an extreme form of minimum tillage ?
Ans. Zero tillage.
1919. Is an important index of soil fertility in arid soils ?
Ans. Base saturation.
1920. Is an important pest of Mango ?
Ans. Mango Hopper.
1921. -----is an Indian breed of poultry ?
Ans. Aseel/Chittagong/Ghagus/Karaknath/Tellicherry.
1922. Is an indirect method of assessment of pests ?
Ans. Remote Sensing.
1923. -----is an indoor garden in a glass box ?
Ans. Terrarium.
1924. -----is an indoor garden plant ?
Ans. Money plant/Ficus/Caladium/Agave/Adiantum/Aglaonema.
1925. Is an Inorganic fungicide ?
Ans. Bordeaux mixture/Cheshunt compound.
1926. -----is an insect pest of Mushroom ?
Ans. Phorid flies/Cecid flies.
1927. Is an insecticide of Actinomycetic origin ?
Ans. Avermectin/Milbemycin.
1928. Is an insecticide of fungal origin ?
Ans. Spinosad/Mycotal/Vertalec.
1929. Is an insecticide prepared from viruses ?
Ans. Virtuss/Gypchek/Neochek.
1930. Is an insecticide that was banned from use recently owing to public health hazards ?
Ans. Endosulfan.
1931. Is an instrument used to measure height , movement and velocity of clouds ?
Ans. Nephoscope.
1932. -----is an oil seed crop ?
Ans. Groundnut/Sunflower/Sesamum.
1933. -----is an orchid plant made through meristem culture ?
Ans. Mericlone.
1934. Is an organic insecticide of animal origin ?
Ans. Neris Toxin.
1935. Is an organic insecticide of plant origin ?
Ans. Nicotine/Pyrethrine/Rotenne.
1936. Is an organism that eats more than one other organism during its life ?
Ans. Predator.
1937. Is an Organo chlorine insecticide?
Ans. DDT/BHC (Banned).
1938. Is an Organo-phosphorus fungicide ?
Ans. Ediphenphos/Kitazin/Triodemefon.
1939. Is an Organo-phosphorus insecticide ?
Ans. Quniolphos/Phosphamidon/Dimethoate/Monocrotophos/Phorate.

1940. -----is an ornamental bulbous plant ?
Ans. Tuberose.
1941. -----is an ornamental foliage plant ?
**Ans. Alocasia/Aglonema/Caladium/
Crotons/Dieffenbachia/Dracaena/Ficus/
Fittonia/ Sansevieria/Tradescantia/Begonia.**
1942. -----is an ornamental plant suitable for Bonsai making ?
**Ans. Bougainvillea/Allamanda/Cassia/
Musanda/Saraca.**
1943. -----is an ornamental shrub ?
Ans. Duranta.
1944. -----is an saprophytic orchid ?
Ans. Neotia/Microstylis.
1945. Is an subterranean pest ?
Ans. White grub/Termite.
1946. -----is any activity that modifies the visible features of an area of land, including living elements such as flora or fauna ?
Ans. Landscaping.
1947. -----is applied to induce flowering in pineapple ?
Ans. Ethephon.
1948. -----is commonly intercropped with Tapioca ?
Ans. Groundnut.
1949. -----is considered as the father of Tillage ?
Ans. Jethro Tull.
1950. Is defined as the mass of a unit volume of dry soil which include soil particles and soil pores ?
Ans. Bulk Density.
1951. Is disease caused by Phytoplasma in Coconut ?
Ans. Root wilt.
1952. Is effective for the management of Sheath blight & Bacterial leaf blight of Paddy ?
Ans. Pseudomonas
1953. Is effective in the bio-control of coconut Rhinoceros beetle ?
Ans. Baculovirus.
1954. Is first in production of Pulses & Soybean in India ?
Ans. Madhya Pradesh.
1955. -----is India's first agricultural university ?
Ans. Uttar Pradesh Agricultural University later known as Govind Ballabh Pant University of Agriculture & Technology.
1956. -----is known as "the tree of a thousand uses" ?
Ans. Coconut.
1957. -----is known as 'Black Gold' ?
Ans. Petroleum.
1958. -----is known as 'the island of cloves' ?
Ans. Zanzibar.
1959. -----is known as 'the spice garden' of Kerala ?
Ans. Idukki.
1960. -----is known as 'Wonder Nut' ?
Ans. Cashew nut.
1961. -----is known as Button mushroom ?
Ans. Agaricus.

1962. Is known as the 'king of forest trees'?
Ans. Teak.
1963. -----is known as the 'Mushroom city of India' ?
Ans. Solan, H.P.
1964. -----is known as the 'plant stress hormone' causing inhibition to plant growth ?
Ans. Abscisic acid-ABA.
1965. -----is known as the 'Queen of Fruits' ?
Ans. Mangosteen.
1966. -----is known as the 'Queen of Spices.' ?
Ans. Cardamom.
1967. -----is known as the Cat's-tail Orchid ?
Ans. Aerides.
1968. -----is known as the flowering hormone ?
Ans. Florigen.
1969. Is known as the fundamental process of soil formation ?
Ans. Weathering.
1970. -----is known as underground orchid ?
Ans. Rhizanthella.
1971. -----is regarded as the queen of flowers ?
Ans. Rose.
1972. -----is renowned as 'The kings of Spices' ?
Ans. Black Pepper.
1973. Is safer organo phosphorous insecticide for controlling pests of vegetables and stored grains ?
Ans. Mercaptothion.
1974. Is solid crystal fumigant ?
Ans. Naphthalene.
1975. -----is the amount of food required by an animal during a 24 hour period ?
Ans. A Ration.
1976. -----is the atmospheric layer above troposphere ?
Ans. Stratosphere.
1977. -----is the basis of plant tissue culture ?
Ans. Totipotency.
1978. -----is the best rootstock for inarching Sapota ?
Ans. Khirni.
1979. -----is the capability of seeds to show living properties ?
Ans. Viability.
1980. -----is the centre of origin of Black Pepper ?
Ans. India-Kerala.
1981. -----is the climate observed in the layer next to ground ?
Ans. Micro Climate.
1982. Is the country having maximum kind of vegetables ?
Ans. India.
1983. Is the crop destructive larval stage of flies ?
Ans. Maggot.
1984. -----is the cultivation of forest trees ?
Ans. Silviculture.
1985. -----is the embryonic root of a plant ?
Ans. Radicle.

1986. Is the first herbicide manufactured and used weeds ?
Ans.2,4-D.
1987. -----is the fundamental unit of crop production ?
Ans.Seed.
1988. Is the fungal pathogen causing Anthracnose ?
Ans.Colletotrichum sp.
1989. Is the fungal pathogen causing Blast in Rice?
Ans.Pyricularia sp.
1990. Is the fungal pathogen causing Brown spot disease in Rice ?
Ans.Helminthosporium sp.
1991. Is the fungal pathogen causing damping off?
Ans.Pythium sp.
1992. Is the fungal pathogen causing Downy mildew?
Ans.Peronospora sp.
1993. Is the fungal pathogen causing Powdery mildew ?
Ans.Erysiphe sp.
1994. Is the fungal pathogen causing Rust disease ?
Ans.Puccinia sp.
1995. Is the fungal pathogen causing White rust ?
Ans.Albugo sp.
1996. Is the highest wheat producing state of India ?
Ans.Uttar Pradesh.
1997. -----is the ideal range of temperature suitable for most agricultural crops ?
Ans.10 to 40°C
1998. -----is the imaginary line joining the poles of earth ?
Ans.Longitude.
1999. -----is the instrument used to measure direct radiation from sun ?
Ans.Pyrheliometer.
2000. -----is the instrument used to measure evapo-transpiration from the crop ?
Ans.Lysimeter.
2001. -----is the instrument used to measure moisture percentage of seeds ?
Ans.Moisture Meter.
2002. Lines joining equal elevation ?
Ans.Contour.
2003. -----is the international standard unit of pressure ?
Ans.Pascal.
2004. Lines of connecting points of equal amount of rainfall?
Ans.Isohyte.
2005. Is the journal published by Indian Society of Water Management ?
Ans.Journal of Water Management.
2006. -----is the largest Indian species of Honeybee ?
Ans.Rock Bee.
2007. Is the largest order of insects?
Ans.Coleoptera.
2008. -----is the largest producer of coffee in the India ?
Ans.Karnataka.

2009. -----is the leading producer of Coconut in India ?
Ans.Kerala.
2010. -----is the leading producer of Millets in the World ?
Ans.India.
2011. -----is the leading producer of Wheat in the World ?
Ans.China.
2012. Is the major pest of Cardamom ?
Ans.Cardamom Thrips.
2013. -----is the man behind MGNREGA?
Ans.Dr.Jean Dreze, a Belgian born economist.
2014. Is the method used by Vamadevan and Dasthane to study the components of water loss in rice. ?
Ans.Drumculture.
2015. Is the minimum germination percentage required for certified seeds of Amaranthus ?
Ans.70%.
2016. -----is the mode of vegetative reproduction in Rubber ?
Ans.Budding.
2017. -----is the most common grass utilized for lawn making in India ?
Ans.Cyanodon dactylon- Doob grass.
2018. Imaginary lines connecting points of equal water table elevations. ?
Ans.Isobath.
2019. Is the most expensive & essential component of a sprayer ?
Ans.Pump.
2020. -----is the most expensive mushroom ?
Ans.White truffle Mushroom.
2021. -----is the most important form of precipitation on earth ?
Ans.Rainfall.
2022. Is the most profitable inter crop in cashew plantations in early stages ?
Ans.Pineapple.
2023. -----is the most serious form of water erosion ?
Ans.Gully erosion.
2024. -----is the most widely cultivated pulse crop of India ?
Ans.Cowpea.
2025. -----is the mushroom seed ?
Ans.Spawn.
2026. -----is the nearest layer of atmosphere to earth ?
Ans.Troposphere.
2027. Is the NPK recommendation for Coconut under average management ?
Ans.34:17:68 g/palm/year.
2028. -----is the oldest method of controlling rodents ?
Ans.Trapping.
2029. Is the optimum moisture percentage for storage of seeds of Amaranthus ?
Ans. 8%.
2030. Lines connecting points of equal sunshine hours ?
Ans. Isohels.
2031. Lines connecting points of similar seasonal phenomenon?
Ans.Isophene.

2032. -----is the soil type having maximum fertility ?
Ans.Alluvial soil.
2033. -----is the soil type most suited for Rice cultivation ?
Ans.Alluvial soil.
2034. -----is the soil type most suited for Rubber cultivation ?
Ans.Loam soil.
2035. Is the structure where plants can be hardened for rooting and acclimatization ?
Ans.Green house.
2036. Is the study of field crops ?
Ans.Agronomy.
2037. Is the study of plant diseases ?
Ans.Plant Pathology.
2038. -----is the study of trees ?
Ans.Dendrology.
2039. Elements having equal number of neutron ?
Ans.Isotope.
2040. Is the top most layer of earth that comes in contact with atmosphere ?
Ans.Crust.
2041. -----is the unit of atmospheric pressure ?
Ans.Dynes/square centimeter OR Newtons/square centimeter/Pascal .
2042. Is the vegetative propagation method adopted in Blackberry & Raspberry ?
Ans.Layering.
2043. Lines joining equal depth of rainfall ?
Ans.Isopulvial.
2044. -----is used for irrigating the seed bed ?
Ans.Rosecan.
2045. -----is used for ripening the fruit artificially ?
Ans.Calcium carbide.
2046. Lines connecting points of equal wind velocities ?
Ans.Isotech.
2047. -----is used in Coirpith composting ?
Ans.Pleurotus spp.
2048. -----is useful in Cryopreservation ?
Ans.Liquid Nitrogen.
2049. -----is useful in increasing the post harvest life of cut flowers ?
Ans.Cytokinin.
2050. -----is World's leading producer of agricultural commodities ?
Ans.China.
2051. -----is World's leading producer of Black Pepper ?
Ans.Vietnam.
2052. -----is World's leading producer of Cardamom ?
Ans.Guatemala.
2053. -----is World's leading producer of Vanilla ?
Ans.Madagascar.
2054. Is a reason for pest outbreak ?
Ans.Pest resurgence.
2055. Is a therapeutant fungicide ?
Ans.Oxathin/Aureofungisol.

2056. Island of clove ?
Ans.Zanzibar.
2057. “Isle of wight” disease is caused by ?
Ans.Acarapis.
2058. Imaginary lines connecting points of equal atmospheric pressures ?
Ans.Isobar.
2059. Isolation distance for certified maize seed ?
Ans.200 m.
2060. Isolation distance for certified pigeon pea ?
Ans..50 m.
2061. Isolation distance for certified seed sunflower ?
Ans.500 m.
2062. Isolation distance for self pollinated crops i.e. rice, wheat ?
Ans.3 m.
2063. Lines connecting points of constant moisture contents?
Ans.Isostere.
2064. Isoquant is used in ?
Ans.F - F relationship.
2065. It is the relative purity or strength of the spectral colour. ?
Ans.Chroma
2066. IT Plan for Agriculture Sector (AGRISNET) was submitted to Ministry of Agriculture in 1997 to establish ?
Ans.”Indian Agriculture on-line” and revised in 2000.
2067. Itai-Itai disease is due to ?
Ans.Cadmium (Cd) toxicity.
2068. Jackfruit is commercially propagated by ?
Ans.Seeds .
2069. Jaffrabadi is a breed of ?
Ans.Buffalo.
2070. Jai Jawan Jai Kisan ‘ was a slogan given by ?
Ans.Lal Bahadur Shastri (1965).
2071. Jam is prepared from a fruit with ?
Ans.Good pulp.
2072. Japanese white is a variety of ?
Ans.Raddish.
2073. Japonica rice is grown in ?
Ans.Japan.
2074. Jasmine is a -----type plant ?
Ans.Climber.
2075. Javanica rice is grown in ?
Ans.Indonesia.
2076. John F Kennedy is a variety of ?
Ans.Rose.
2077. A curve connecting the least cost combinations of input for all output ?
Ans.Isoclines.
2078. Jumping legs are found in ?
Ans.Grasshopper.
2079. Jute crop is planted in the month of ?
Ans.Feb-March
2080. Jwalamukhi & Jwalasakhi are varieties of ?
Ans.Chilli.
2081. K-2 is a variety of ?
Ans.Mulberry.

2082. Kacholam is propagated through ?
Ans. Rhizomes.
2083. Kamini is a variety of ?
Ans. China Aster.
2084. Kanaka, Dhara and Anakkayam are varieties of ?
Ans. Cashew nut.
2085. Kaolinite, Halloysite and Dickite are ?
Ans. 1:1 type silicate clay minerals.
2086. Kari soils of Kerala is otherwise known as ?
Ans. Peat soils.
2087. Karimunda & Balankotta are varieties of ?
Ans. Pepper.
2088. Katte disease of Cardamom is transmitted by ?
Ans. Banana aphid.
2089. KATTE is a virus disease affecting ?
Ans. Cardamom.
2090. Kaumudi , Baby & Manusree are varieties of ?
Ans. Snake Gourd.
2091. KCC Toll free no. ?
Ans. 18001801551.
2092. Keeping the field and bunds free of weeds and grasses is an effective control measure against ?
Ans. Ricebug.
2093. Keikis' are propagating plantlets of ?
Ans. Sympodial orchids.
2094. Kelthane is the trade name of ?
Ans. Dicofol.
2095. Keraganga is a hybrid between ?
Ans. WCT X Malayan yellow Dwarf.
2096. Kerala accounts for-----% of production &-----% of area under cultivation of natural Rubber in the country ?
Ans. 90% & 85%.
2097. Kerala Agricultural University was established in ?
Ans. 27 feb. 1971.
2098. Kerosene emulsion is useful against ?
Ans. Sucking insects.
2099. Kew , Amrutha & Mauritius are varieties of ?
Ans. Pineapple.
2100. Khaira disease due to deficiency of in paddy ?
Ans. Zinc.
2101. Khaira disease of rice is controlled by spraying.?
Ans. Zinc sulphate (5 kg)+ lime (2.5 kg/ha) in 10 days nursery.
2102. Minimum thermometer consists of a glass tube with -----in bulb.?
Ans. Alcohol .
2103. Kharif crops requires ?
Ans. Shorter day length.
2104. Khuskhus oil is extracted from the roots of ?
Ans. Vetiver.
2105. Killer disease of rice are ?
Ans. Bacterial Leaf Blight (BLB) and Tungro virus.
2106. King of Arid and semi fruits ?
Ans. Ber.

2107. King of cereals ?
Ans.Wheat.
2108. King of flower crops ?
Ans.Rose.
2109. King of fodder crops ?
Ans.Berseem.
2110. King of fruits ?
Ans.Mango.
2111. King of nut crops ?
Ans.Walnut.
2112. King of oilseeds ?
Ans.Groundnut.
2113. King of pulses ?
Ans.Chickpea.
2114. King of spices ?
Ans.Black Pepper.
2115. King of temperate fruits ?
Ans.Apple.
2116. King of vegetables ?
Ans.Potato.
2117. Kinnow is a cross between ?
Ans.King × Willow leaf.
2118. Kisan Call Centre (KCC) started in ?
Ans.June 22, 2004 .
2119. Kisan Credit Card Scheme (KCC) was introduced in ?
Ans.August 1998.
2120. Kissan day is observed on ?
Ans.December23rd.
2121. Kjeldahl method is used to determine ?
Ans.Total N of soil.
2122. Kohir safed (Guava) is a cross of ?
Ans.Kohir × Allahabad Safeda.
2123. Kokkan disease is generally found in ?
Ans.Banana.
2124. Koppen and Thornthwaite classified the climate on the basis of ?
Ans.Annual Rainfall and annual Evaporation.
2125. Koppen has classified the climates into ?
Ans.5 types.
2126. Kottanadan is a variety of ?
Ans.Pepper.
2127. Krieb cycle and ETC occurs in ?
Ans.Mitochondria.
2128. Krishak Bharti Cooperative ?
Ans.Kribhco.
2129. Krishi Pandit Award is given by ?
Ans.ICAR.
2130. Krishi Vigyan Kendra are sponsored by ?
Ans.ICAR.
2131. Krishnasree & Renusree are varieties of ?
Ans.Amaranth.
2132. Kufri Jyothi & Kufri Muthu are varieties of ?
Ans.Potato.
2133. Kurstaki is a ?
Ans.Biopesticide
2134. Kuthiravally & Kalluvally are varieties of ?
Ans.Pepper.

2135. Lac insect is parasitised by ?
Ans.Parecchio dryinus
2136. Lalbagh gardens is located in ?
Ans.Bangalore,Karnataka.
2137. Large portions of the earth with similar climate, soil, plant and animal life community is known as ?
Ans.Biosphere.
2138. Largest dairy research centre in India ?
Ans.Karnal , Haryana.
2139. Largest Flower in the world ?
Ans.Rafflesia arnoldii.
2140. Largest producer of coffee in the world ?
Ans.Brazil.
2141. King of weeds ?
Ans.Congress grass.
2142. Largest producing cereal crop of the world ?
Ans.Maize.
2143. Largest rice producing state ?
Ans.West Bengal >UP>Punjab
2144. Larval period of Bombyx mori is ?
Ans.21-26 days.
2145. Larval stage of Lepidopteran pests are known as ?
Ans.Caterpillars.
2146. Late blight of potato is caused by ?
Ans.Phytophthora infestans.
2147. Late leaf spot disease of groundnut is caused by ?
Ans.Cercospora personata.
2148. Late maturing pigeonpea is ?
Ans.Cajanus cajan bicolor.
2149. Late planting of chickpea is done to protect the seedlings from ?
Ans.Wilt disease.
2150. Latest botanical name of mung is ?
Ans.Phasiolus aureus.
2151. Latest botanical name of Urd is ?
Ans.Phasiolus mungo.
2152. Queen of vegetable ?
Ans.Okra.
2153. LDB means ?
Ans.Land Development Bank.
2154. Leading cut flower exporter in the world is ?
Ans.Netherlands.
2155. Leading Mango producing state having maximum area under mango ?
Ans.Uttar pradesh.
2156. Leading producer of coconut in the world ?
Ans.Indonesia >Philippines > India.
2157. Leading state of India in sugarcane production is ?
Ans.U.P. (45%of total Production.).
2158. Leading state of rabi maize ?
Ans.Bihar.
2159. Leaf curl and mosaic of papaya is caused by ?
Ans.Virus.
2160. Leaf curl of tomato is spread by ?
Ans.White fly.
2161. Leaf curl resistant varieties of chilli ?
Ans.Pusa Jwala, Pusa Sadabahar, Pant C-1.

2162. Leaf eating caterpillar of Coconut is otherwise known as ?
Ans. Black headed caterpillar.
2163. Leaf fall in potato is due to deficiency of ?
Ans. Boron.
2164. Leaf rot in Coconut is caused by ?
Ans. Fungus (Colletotrichum gloeosporioides).
2165. Leaf spot disease in Okra is caused by ?
Ans. Fungus.
2166. Leaf spot of groundnut is also known as ?
Ans. Tikka disease.
2167. Leaf tips of young rice plants see rolled and turn white or brownish due to the infestation of ?
Ans. Rice thrips.
2168. Leaf yield of irrigated mulberry under high management practice is ?
Ans. 20-30 MT/ha.
2169. Leafless variety of Fieldpea?
Ans. Arpana.
2170. Leagans Model (1963) is ?
Ans. Communicator-Message-Channel-Treatment-Audience-Audience response.
2171. Least hygroscopic fertilizer ?
Ans. DAP (18%N and 46%P₂O₅).
2172. Least production of Black pepper is in ?
Ans. Alappuzha district (Kerela).
2173. Which Pulse crop doesn't fix N ?
Ans. Rajma.
2174. Queen of oil seeds?
Ans. Sesame (Til) .
2175. White stem borer (Xylotrechus quadripes) is a major pest of ?
Ans. Coffee.
2176. Legislative control of the transport of plants or plant parts to prevent the spread of pests or pathogens is known as ?
Ans. Quarantine.
2177. Legumes require Nitrogen only ?
Ans. Starter dose of Nitrogen.
2178. Lepidopteran pests have-----no. of-----wings ?
Ans. Four no. of Membranous wings.
2179. Less number of knots in cotton is termed as ?
Ans. Superior quality cotton.
2180. Life saving irrigation is also known as ?
Ans. Contingency irrigation.
2181. Light Intensity influence growth through its effect on ?
Ans. Photosynthesis.
2182. Light traps are examples of method of insect pest control ?
Ans. Mechanical.
2183. Lima White & Agnihotri are varieties of ?
Ans. Anthurium.
2184. Lime (CaCO₃) is added to neutralize ?
Ans. Acid soils.
2185. Lime stone, Sand stone and Dolomite are ?
Ans. Sedimentary rocks.
2186. Liming materials suitable for correction of acidity includes ?
Ans. Limestone, Quicklime, hydrated lime.

2187. Lindane is a purified form of ?
Ans.BHC.
2188. Instruments used for growth of plants ?
Ans.Crescograph.
2189. Line representing points of equal depth of water with equal temperature?
Ans.Isobathatherm.
2190. Line representing points of equal mean winter temperature ?
Ans.Isocheim.
2191. Line representing points of equal humidity ?
Ans.Isohume.
2192. Line representing points of equal cloud cover ?
Ans.Isoneph.
2193. Linseed crop is also known as ?
Ans.Flex.
2194. Linseed crop require NPK dose of ?
Ans.60:40:20 kg ha.
2195. Litchi is commercial propagated by ?
Ans.Air layering and Seed.
2196. Litchi, Lemon, Citrus, Grape, Ber, Pineapple are known as ?
Ans.Non-Climacteric Fruits.
2197. Little leaf disease of Brinjal is caused by ?
Ans.Phytoplasma (MLO).
2198. Loan repaying capacity of a farmer is judged on the basis of ?
Ans.Net income of farmer.
2199. Local control helps in reducing the ?
Ans.Experimental error.
2200. Logical constructions of the experiments in which the degree of uncertainty with which the inference (Result/confusion) on may be well defined.?
Ans.Design of Experiments.
2201. Long day plants ?
Ans.Wheat, Barley, Sugarbeet.
2202. Long day plants require day length ?
Ans.>14 hrs
2203. Long range forecasting is meant for ?
Ans.>10 days for seasons.
2204. Long term loan is given for the period of ?
Ans.5 to 30 years.
2205. Longest phase of mitosis ?
Ans.Prophase.
2206. Longitudinal rolling of tip of leaves into needle like outgrowths are symptoms of-
--- ---attack ?
Ans.Rice Thrips.
2207. Isolation distance of sunflower for foundation seed ?
Ans.1000 m .
2208. Loose smut of wheat can be controlled by seed treatment with ?
Ans.Vitavax.
2209. Loose smut of wheat is a ?
Ans.Internally seed borne disease.
2210. Loose smut of wheat is caused by ?
Ans.Ustilago nuda triticii.
2211. Loss or decrease in vigour and fitness as a result of . ?
Ans.Inbreeding Depression.

2212. Low clouds, examples:- ?
Ans.Stratocumulus, Nimbus.
2213. Low quality of jute fibre attributed to ?
Ans.Discolouration of fibre.
2214. Low Volume sprayers requires of spray fluid per hectare ?
Ans.50 to 200 Lit.
2215. Lowest temperature in a day is observed at ?
Ans.Just before sunshine.
2216. Lowland applied nitrification inhibitors. ?
Ans.Oxamide (31%N) and Thiourea (36.8%N).
2217. LSD is also known as ?
Ans.Two way elimination of heterogeneity design/Three way classification of ANOVA.
2218. Lucknow seedless is a variety of ?
Ans.Lemon.
2219. Lugi is a fermented drink developed from ?
Ans.Hull less barley grains.
2220. Luxury consumed nutrient by plants i.e. maize ?
Ans.K.
2221. Which nutrient increase vegetative growth of plants ?
Ans.N.
2222. Size and Shape of fruit is depend on which nutrient ?
Ans.K.
2223. Macro-Watersheds has an area of ?
Ans.50,000 Hectare or more.
2224. Maggot is the larval stage of ?
Ans.Flies.
2225. Mahali disease of Arecanut is caused by ?
Ans.Fungus (Phytophthora palmivora).
2226. Whiptail of cauliflower is due to ?
Ans. Mo
2227. Isolation distance of Chilli, Bhindi for foundation seed ?
Ans.400 m.
2228. Mahyco is a ?
Ans.Seed Company.
2229. Main crop of Kari soil localities ?
Ans.Paddy.
2230. Isolation distance of Chilli and Bhindi for certified seed ?
Ans.200 m.
2231. Maize crop leaves show red and purple colour due to deficiency of ?
Ans.Phosphorus (P).
2232. Maize is a ?
Ans.Monocius plant.
2233. Maize protein is known as ?
Ans.Zein.
2234. Maize species produce starch similar to tapioca ?
Ans.Zea mays ceretina (Waxy corn).
2235. Maize variety widely grown in USA ?
Ans.Zea mays identata (Dent corn).
2236. Maize, Pearl millet, Black mustard and Sunflower are ?
Ans.Cross pollinated crops.

2237. Major export quality of a mango variety is due to its ?
Ans.Firmness.
2238. Major irrigation project covers an area of ?
Ans.>10,000 ha.
2239. Major pollutants that contribute to 90% of global air pollution ?
Ans.CO and CO₂.
2240. Major portion of Indian lac is produced in ?
Ans.Bihar.
2241. Major share of annual rainfall in India occurs during ?
Ans.SW Monsoon.
2242. Malabar, Mysore & Vazhukka are cultivars of ?
Ans.Cardamom.
2243. Malathion is the trade name of ?
Ans.Mercaptathion.
2244. Male sterile line ?
Ans.A-line.
2245. Male sterilization technique was suggested by ?
Ans.E.P.Knippling.
2246. Mallika is a cross of ?
Ans.Neelam × Dashehari.
2247. Man can not digest plant due to the absence of ?
Ans.Cellulose.
2248. Man started Agriculture in the year ?
Ans.7500 BC.
2249. Manchurian Golden is a breed of ?
Ans.Japanese Quail.
2250. Mango belongs to which family ?
Ans.Anacardiaceae.
2251. Isolation distance of Brinjal for foundation seed ?
Ans.200 m.
2252. Mango is also known as ?
Ans.King of fruits/National fruit/Bathroom fruit.
2253. Mango Malformation is caused by ?
Ans.Fusarium monilliformae.
2254. Mango malformation is common in ?
Ans.North-West India.
2255. Mango malformation is controlled by ?
Ans.NAA.
2256. Mango pulp is preserved by ?
Ans.Sugar.
2257. Mango, Banana, Guava, Papaya, Jackfruit, Sapota, Apple are known as?
Ans.Climacteric Fruits.
2258. Mango-Ginger is -----crop ?
Ans.Spice.
2259. Manihot esculenta is the scientific name of ?
Ans.Cassava.
2260. Minamata disease is due to ?
Ans.Mercury toxicity.
2261. Manchurian classified the soybean varieties based on ?
Ans.Seed colour.
2262. Map of genome showing relative positions of genes or markers on chromosomes ?
Ans.Genetic map.

2263. Marble is formed from ?
Ans.Limestone (Metamorphic rock).
2264. Marconi wheat is ?
Ans.T. durum (2n= 28).
2265. Marconi wheat varieties are ?
Ans.Jayraj, Meghdoot, Malvika, HD-4530 etc.
2266. “Marginal leaf gall thrips” is a pest of ?
Ans.Pepper.
2267. Marigold is used for the sociological control of ?
Ans.Nematodes.
2268. Marketable surplus is given by ?
Ans.MS = P – C.
2269. Marshy soils are generally deficient of ?
Ans.Zn.
2270. Mass flow or pressure flow theory was given by ?
Ans.Ernst munch (1930).
2271. Mass selection is always based on ?
Ans.Phenotype.
2272. Massive flights of stairs with marble is a characteristic feature of ?
Ans.Italian garden.
2273. Mastitis in cattle is caused by ?
Ans.Bacteria.
2274. Material added to reduce surface tension in insecticide formulation is ?
Ans.Emulsifier.
2275. Materials that cause BOD include ?
Ans.Wood, animal wastes, sewage.
2276. Isolation distance of Lucerne for foundation seed ?
Ans.400 m.
2277. Maximim permissible moisture level for Bittergourd seed ?
Ans.7%.
2278. Maximum amount of fertilizer is applied in ?
Ans.Potato.
2279. Maximum concentration of urea for foliar spray ?
Ans.5%.
2280. Maximum moisture content in paddy seed ?
Ans.12%.
2281. The cloud which is found at a height of 500 m ?
Ans.Stratus.
2282. Maximum permissible Percentage of acidity in Squash & Syrup ?
Ans. 3.5%.
2283. Maximum quantity of pesticide residue permitted in a foodstuff in called ?
Ans. MRLMaximum Residual Limit.
2284. MCU-5 and Suvin are varieties of ?
Ans.Cotton.
2285. MD, SD and Variance are ?
Ans.Measures of Dispersion/Spread.
2286. Mean applied when deals with relative changes eg. Bacterial growth, cell division, population ?
Ans.GM.
2287. Mean applied when deals with rate, price and speed of a vehicle ?
Ans.HM.

2288. Mean, Median and Mode are ?
Ans.Measures of Central tendency.
2289. Meat Products India Ltd. is located at ?
Ans.Koothattukulam.
2290. Mechanical analysis of soil is estimated by ?
Ans.Stock's law.
2291. Mechanization index is found highest in ?
Ans.Wheat crop (30%).
2292. Medium range forecasting is meant for ?
Ans.3-10 days.
2293. "Mehsana" is a breed of ?
Ans.Buffalo.
2294. Meiosis term was 1st given by ?
Ans.J.B. Farmer (1905).
2295. Meloidogyne Spp. is commonly known as ?
Ans.Root knot Nematode.
2296. Melting quality is high in variety of marigold ?
Ans.Rekha.
2297. Mendal was born on ?
Ans.July 22, 1822.
2298. Mendal works on the 7 contrasting characters of crop ?
Ans.Garden pea.
2299. Mendelian population is also known as ?
Ans.Random mating population.
2300. Meristem culture is a method of ?
Ans.Tissue culture.
2301. Meristem culture technique was developed by ?
Ans.George Morel & Martin (1952).
2302. Metacide the trade name of ?
Ans.Methyl parathion.
2303. Metasystox is a ?
Ans.Systemic poison.
2304. Meterologica is an ancient book compiled by ?
Ans.Aristotle.
2305. Method applied to prevent disease occurrence are called ?
Ans.Prophylactic Method.
2306. Method demonstration is ?
Ans.Short -type demonstration.
2307. Method in Rice is also known as ?
Ans.Madagascar method ?
2308. Isolation distance of cucumber for foundation seed ?
Ans.800 m.
2309. Method used for the determination of lime requirement of an acid soil is ?
Ans.Shoemaker's method.
2310. Methods used for handling the segregating generation ?
Ans.Pedigree, Bulk and Single seed descent method.
2311. Parasites & Predators are examples of method of insect pest control ?
Ans.Biological.
2312. Methyl demeton which is strongly systemic and effective against sucking insects is marketed as ?
Ans.Metasystox.

2313. MFALDA means-----?
Ans. Marginal Farmers & Agricultural Labourers Development Agency.
2314. Micro irrigation method, in which water is applied as drop form through emitters ?
Ans. Drip method.
2315. Micro irrigation method, in which water is applied as spray ?
Ans. Sprinkler method.
2316. Micro watershed covers an area of about ?
Ans. 100 - 1000 ha.
2317. Micro-organisms that can cause disease in insects are known as ?
Ans. Entomo pathogenesis.
2318. Micro propagation is based on the principle ?
Ans. Totipotency.
2319. Micro propagation through tissue culture is popular in ?
Ans. Anthurium.
2320. Instruments used for depth of water table ?
Ans. Peizometer.
2321. Middle clouds, examples ?
Ans. Altostratus, Altocumulus.
2322. Middle most value of the series ?
Ans. Median.
2323. Milk pail of india.?
Ans. Haryana.
2324. Milli- Watersheds has an area of ?
Ans. 1000 to 10,000 Hectare.
2325. Mimicry weeds of rice and wheat is ?
Ans. Wild rice (Echinochloa crusgalli) and Phalaris minor.
2326. Minerals are translocated in plants as ?
Ans. Both organic and inorganic compounds.
2327. Miniature roses are otherwise known as ?
Ans. Baby roses.
2328. Minimum genetic purity required for Certified seeds is ?
Ans. 98%.
2329. Minimum genetic purity required for Foundation seeds is ?
Ans. 99%.
2330. Minimum germination % fixed for Bhindi seed ?
Ans. 65%.
2331. Minimum germination % for rice seeds for certification ?
Ans. 80%.
2332. Minimum germination for quality cotton seed is ?
Ans. 98%.
2333. Minimum germination percentage of good quality groundnut seeds ?
Ans. 96%.
2334. Instruments used for measures amount of direct solar radiation ?
Ans. Pyrheliometer.
2335. Instruments used for measures total incoming solar radiation?
Ans. Pyranometer.
2336. Instruments used for measures soil moisture tension ?
Ans. Tensiometer.

2337. Minimum Support Price is fixed by govt. for cotton varieties of ?
Ans.H-4, H 777, F 414.
2338. Minimum TSS % required in Squash ?
Ans.45%.
2339. Minimum TSS % required in Syrup ?
Ans.65%.
2340. Minimum Wages Act for agricultural labourers was passed in ?
Ans.1948.
2341. Mini-Watersheds has an area of ?
Ans.UP TO 100 Hectare.
2342. Miracle forest tree (as it provides fodder, fuel, pulpwood and timber) is ?
Ans.Subabul
2343. Mites belong to the phylum-----& class-----?
Ans.Arthropoda & Arachnida.
2344. Mites prefer-----type of weather ?
Ans.Warm,Dry weather.
2345. Mitosis term was coined by ?
Ans.Walther Flemming (1882)
2346. Mixing neem cake with urea increase the efficiency of ?
Ans.Urea.
2347. Mixing neem cake with urea enhances ?
Ans.Nutrient Use Efficiency.
2348. Major producer of rice in the world ?
Ans.China.
2349. IRRI was established in ?
Ans.1960 (Philippines).
2350. Mn deficiency shows ?
Ans.Interveinal yellowing of younger leaves.
2351. Mohitnagar is a variety of ?
Ans.Arecanut.
2352. Instruments used for measures transpiration is ?
Ans.Potometer.
2353. Mokara & 'Aerides' are ?
Ans.Orchids.
2354. Molecular scissors used in genetic engineering ?
Ans.Restriction endonuclease.
2355. Molemma' is finely divided dust of ?
Ans.Shellac.
2356. Molya disease resistant variety of barley is ?
Ans.RD 2052.
2357. Money supply in Indian national economy is regulated by ?
Ans.RBI.
2358. Monoembryonic species of citrus ?
Ans.Pumelo.
2359. Monosaccharide contains ?
Ans.Glucose, Fructose, Galactose and Mannose.
2360. Monosaccharides possess reducing property due to the presence of ?
Ans.Free aldehyde or keto group.
2361. Monosaccharides that are used as energy source ?
Ans.Glucose and fructose.
2362. Monosomic hypoploid ?
Ans.2n -1.

2363. Monsoon is a ?
Ans. Arabic word.
2364. Montek disease of rice is caused by ?
Ans. Rice root nematode.
2365. MOP contains-----% Potassium ?
Ans. 60.
2366. MOP means ?
Ans. Muriate of Potash.
2367. Moringa oleifera is ?
Ans. Drumstick.
2368. Most abundant & successful group of animals on earth ?
Ans. Insects.
2369. Most abundant form of RNA that constitutes 80% parts of cellular RNA ?
Ans. t-RNA.
2370. Most appropriate crops in dryland farming are ?
Ans. Pearl millet, sorghum, gram, toria.
2371. Most attractive Orchids belong to the group of ?
Ans. Epiphytes.
2372. Most common example of taungya system ?
Ans. Planting of Teak in Myanmar.
2373. Most common form of water erosion?
Ans. Splash erosion.
2374. Most common method of surface irrigation to irrigate groundnut and pulses ?
Ans. Check basin.
2375. Most commonly cultivated soybean in India ?
Ans. Yellow coloured soybean.
2376. Most commonly used disinfectant in water purification ?
Ans. Chlorine.
2377. Most commonly used for flower induction ?
Ans. Paclobutrazol.
2378. Most commonly used herbicides in sugarcane are ?
Ans. Simazine, Atrazine and Alachlor.
2379. Most commonly used method for selection from segregation generations of crosses in self pollinated crops ?
Ans. Pedigree method.
2380. Most concentrated nitrogenous fertilizer ?
Ans. Anhydrous ammonia (81%N).
2381. Most critical stage for irrigation in potato is ?
Ans. 25% tuber formation stage?
2382. Most critical stages for irrigation of tobacco is ?
Ans. Topping.
2383. Most dominated weed species in rice field is ?
Ans. Echinochloa spp.
2384. Most expensive fruit in the world ?
Ans. Pineapple.
2385. Most fertile soil ?
Ans. Alluvial.
2386. Most frequently occurred item ?
Ans. Mode.
2387. Most important and potent parasites belong to the order ?
Ans. Hymenoptera.

2388. Most important crop variety during green revolution ?
Ans.HD 2329.
2389. Most important form of wind erosion ?
Ans.Saltation.
2390. Most important nutrients required for tomato cultivation ?
Ans.Boron and zinc.
2391. Most of the commercial crops were introduced to India by ?
Ans.Portuguese.
2392. Most poisonous pollutant in water ?
Ans.Arsenic.
2393. Most popular varieties of sapota ?
Ans.Kali patti, Pili patti, Oval, Cricket ball, Chatri, Barahmasi.
2394. Most popular variety of Mango in India ?
Ans.Alphanso.
2395. Most popular variety of pomegranate ?
Ans.Ganesh and Dholka.
2396. Most prominent cropping pattern of rice in India ?
Ans.Rice-Wheat.
2397. Most serious disease of sugarcane ?
Ans.Red rot disease.
2398. Most serious pest for tomato plant ?
Ans.Root knot nematode.
2399. Most serious pest of cucurbits ?
Ans.Fruit fly.
2400. Most suitable cropping system for wheat crop ?
Ans.Mixed cropping.
2401. Most suitable soil for groundnut cultivation ?
Ans.Sandy loam soil.
2402. Most suitable variety of chickpea to drought resistant ?
Ans.NP-58, RSG-44.
2403. Most suitable woodlot trees in India ?
Ans.Casuarina and Leucaena.
2404. Most widely accepted training system of grapevine in India ?
Ans.Bower system.
2405. Most widely grown maize spp. in India ?
Ans.Zea mays indurate (Flint corn).
2406. Most widely used herbicide in ?
Ans.Paraquat.
2407. Most widely used training system for commercial fruits ?
Ans.Modified Leader System.
2408. Most widely used training system of aonla ?
Ans.Modified central leader system.
2409. Mostly widely used pamphlet size ?
Ans.12 to 24 pages.
2410. Moth orchids belong to-----group ?
Ans.Phalaenopsis.
2411. Moths & Butterflies belong to the order ?
Ans.Lepidoptera.
2412. Mottle leaf of citrus is due to deficiency of ?
Ans.Zinc.
2413. Mound layering is also known as ?
Ans.Stool layering.
2414. Mouth parts of a plant bug are ?
Ans.Piercing and sucking.

2415. Movement of bees, “the language of bees” is done with respect to ?
Ans.Sun and Gravity.
2416. MSP is fixed by ?
Ans.CACP (Commission of Agricultural Cost and Price).
2417. Mudicode’ is a variety of ?
Ans.Oriental pickling melon.
2418. Mulberry cultivation is known as ?
Ans.Moriculture.
2419. Mulgoa is variety of ?
Ans.Mango.
2420. Multiline breeding is exploited widely in the crop ?
Ans.Wheat.
2421. Multiple combination of trees, fruit trees, vegetables atc. ?
Ans.Homestead.
2422. Multiplication of cell of large number of plants placed in appropriate environment conditions with required nutrients is known as ?
Ans.Plant tissue or in vitro culture.
2423. Multipurpose tree species ?
Ans.Albizia lebbeck.
2424. Murraya koenigii is ?
Ans.Curry Leaf.
2425. Muscle protein is known as ?
Ans.Collagen.
2426. Mushroom is a large fleshy ?
Ans.Fungus.
2427. Mustard crop planted at a spacing of 50 x 20 cm will have _____ plants/ha.?
Ans.1,00,000.
2428. Mutant varieties of tobacco are ?
Ans.Jayashri, Bhavya.
2429. Muttom Varikka’ & Srilanka/Singapore are varieties of ?
Ans.Jack.
2430. Mychoryza increase availability of ?
Ans.Phosphorus.
2431. Mycorrhiza inoculated plants register ?
Ans.Higher Nitrogen content.
2432. N, P and K are ?
Ans.Primary nutrients.
2433. N, P, K, Ca, Mg and S are ?
Ans.Macro nutrients.
2434. NABARD is started on ?
Ans.12th July, 1982.
2435. NABARD means ?
Ans.National Bank for Agriculture & Rural Development.
2436. NADAMS means.?
Ans.National Agricultural Drought Advisory and Management Systems AgRIS Resources Information System.
2437. NAFED is connected with ?
Ans.Agricultural Marketing.
2438. NAFED means ?
Ans.National Agricultural Cooperative Marketing Federation of India Limited.
2439. NAFED was established in the year ?
Ans.2 October, 1958.

2440. Namakkal is a place in Tamil Nadu famous for ?
Ans.Egg production.
2441. Name the essential nutrients available through air and water ?
Ans.C,H,O.
2442. Name the leucoplast which functions as the storage of oil?
Ans.Elaioplast.
2443. Name the metallic chemical element useful in weather forecasting ?
Ans.MERCURY- in thermometers.
2444. Name the pest with international status ?
Ans.Locust.
2445. Name the prokaryotic organism which does not contain mitochondria ?
Ans.Bacteria.
2446. Name the tree whose wood is used to make cricket bats ?
Ans.Willow.
2447. Nandi, Narok & Kazungula are varieties of ?
Ans.Setaria Grass.
2448. Nanotechnology is coined by-Nario Taniguichi (1974), at Univ. of Tokyo,?
Ans.Japan.
2449. Napier Grass is otherwise known as ?
Ans.Elephant Grass/Sudan grass/King grass.
2450. Narayakodi & 'Kumbhakodi' are varieties of-----?
Ans.Pepper.
2451. National Bamboo Mission-started ?
Ans.2006-07.
2452. National Biodiversity Authority is located at ?
Ans. Chennai (10 Octo 2003).
2453. National Botanical Research Institute is located at ?
Ans.Lucknow, UP.
2454. National Centre for Mushroom Research and Training is located at ?
Ans.Solan, Himachal Pradesh.
2455. National Commission on Farmers ?
Ans. 18 Nov. 2004.
2456. Chairman of National Commission on Farmers ?
Ans.M.S. Swaminathan.
2457. NCPAH Means ?
Ans.National Committee on Plasticulture Applications in Horticulture (New delhi).
2458. National Dairy Development Board (NDDB), established in ?
Ans.16 July 1965 Anand.
2459. Instruments used for measuring specific gravity of soil ?
Ans.Pycnometer.
2460. First NDDB chairman ?
Ans.Dr. V. Kurien (1965-1998)
2461. National Flower of India ?
Ans.Lotus (Nelumbo nucifera Gaerth).
2462. National flower of USA ?
Ans.Rose.
2463. National Food Security Mission (NFSM) has been launched from the rabi 2007-08 to enhancing the production of ?
Ans.Rice, wheat and pulses by 10, 8 and 2 million tonnes respectively by the end of the Eleventh Plan.

2464. National Food Security Mission started Rabi ?
Ans.2007.
2465. Instruments used for measuring root pressure ?
Ans.Manometer.
2466. National Horticulture Mission ?
Ans.2005-06.
2467. National institute of Agricultural Marketing is situated at ?
Ans.Jaipur,Rajasthan.
2468. National Project on Management of Soil Health & Fertility (NPMSF), has been introduced in ?
Ans.2008-09.
2469. National Remote Sensing Agency (NRSA) is situated at ?
Ans.Hyderabad.
2470. National Research Centre for Agroforestry is situated at ?
Ans.Jhansi (1988).
2471. National Seed Corporation (NSC) came into existence in ?
Ans.1963.
2472. National Seed Rules (NSR) was started on ?
Ans.1968.
2473. Instruments used for measuring duration of sunshine ?
Ans.Cambell stokes.
2474. National tree of India?
Ans.Banyan tree- Ficus benghalensis.
2475. Natural genetic engineer ?
Ans.Agrobacterium.
2476. Natural grazing pattern is known as ?
Ans.Ranching.
2477. Natural resources which are renewable ?
Ans.Water and wood.
2478. Natural soil aggregates/mass are known as ?
Ans.Peds.
2479. Naturally occurring Auxin is ?
Ans.IAA.
2480. Navasree, Nithyasree & Sugandhi are varieties of ?
Ans.Cinnamon.
2481. NBFGR-National Bureau for Fish Genetic Resource is situated at ?
Ans.Lucknow (1983).
2482. NBPGR (National Bureau of Plant Genetic Resources) is located in ?
Ans.New Delhi.
2483. NBSS and LUP centre is located at ?
Ans.Nagpur.
2484. Neelum , Kalapady , Benishan , Mulgoa & Suvarnakha are varieties of ?
Ans.Mango.
2485. Neem contains-----which gives insecticidal properties ?
Ans.Azadiractin.
2486. Neem oil is ?
Ans.An Antifeedants.
2487. "Nek Chand's Rock Garden" is located at ?
Ans.Chandigarh.
2488. Nematode and Bacterial wilt resistant variety of tomato ?
Ans.Arka vardan.

2489. Maize protein is called ?
Ans.Zein.
2490. Nematodes in citrus crop is controlled by ?
Ans.Nemagon.
2491. Nematodes penetrate the plant tissue with ?
Ans.Buccal stylet.
2492. Net gain ATP during glycolysis ?
Ans.2.
2493. Net gain ATP synthesis from one molecule of glucose in respiration ?
Ans.36 ATP.
2494. Net income is ?
Ans.Gross returns.
2495. Net worth is calculated from ?
Ans.Balance Sheet.
2496. Neutral fertilizer, also called Kishan khad ?
Ans.Calcium Ammonium Nitrate (26%N).
2497. Neutralizing value of calcium carbonate is ?
Ans.100.
2498. Neutralizing power of hydrated lime is ?
Ans.136.
2499. Neutralizing value of Dolomite is ?
Ans.109.
2500. New castle disease is caused by ?
Ans.Virus.
2501. New leaves show deficiency symptoms of ?
Ans.Fe, Mn, Cu, S.
2502. Newly formed alluvial soil is called ?
Ans.Khadar.
2503. NH_4 fixation is more in ?
Ans.Montmorillonite.
2504. Nicotiana rustica is growing for the purpose of ?
Ans.Hookah, chewing and snuff.
2505. Nicotiana tabacum is growing for the purpose of ?
Ans.Smoking and chewing.
2506. Nicotine content (%) of tobacco is ?
Ans.0.5 to 5.5 (N. tabacum) and 3.5 to 8.0 (N. rustica).
2507. Nicotine content accumulates in which part of tobacco?
Ans.Leaves.
2508. 'Nidhi' & 'Sreedhara' are varieties of ?
Ans.Coleus.
2509. Nilokheri project is associated with ?
Ans.S.K Dey.
2510. Nipping practice is done ?
Ans.Gram.
2511. Nitrate levels in drinking water above mg per litre are considered as a human health hazard. ?
Ans.10.
2512. Nitrification inhibitor inhibit ?
Ans.Nitrosomonas.
2513. Nitrification is reduced at ?
Ans.Arid condition.
2514. Nitrogen availability in cooler region is ?
Ans.less.

2515. Nitrogen containing organic compounds form of ?
Ans.Amines & Ammonia.
2516. Nitrogen content in groundnut cake ?
Ans.7.3%.
2517. Nitrogen fixing tree ?
Ans.Leucaena leucocephala.
2518. Nitrogen present in Sodium nitrate ?
Ans.16 %.
2519. Nitrogen present in Ammonium sulphate nitrate ?
Ans.26%.
2520. Nitrogen present in Ammonium chloride ?
Ans.24%.
2521. Nitrogen present in Ammonium nitrate ?
Ans.33-34%.
2522. Nitrogen present in Ammonium phosphate ?
Ans.16%.
2523. Nitrogen present in Ammonium sulphate ?
Ans.20.6%.
2524. Nitrogen present in Anhydrous ammonia ?
Ans.81%.
2525. Nitrogen present in Calcium cyanide ?
Ans.21 %.
2526. Nitrogen present in Calcium nitrate ?
Ans.15.5%.
2527. Nitrogen present in CAN ?
Ans.26 %.
2528. Nitrogen present in Urea ?
Ans.46 %.
2529. Nitrogen use efficiency in rice is around ?
Ans.30-40%.
2530. Nitrogenous fertilizer can be top dressed in the cotton up to ?
Ans.First flowering.
2531. Njallani is known as a wonder variety of ?
Ans.Cardamom.
2532. No. 1 processing vegetable ?
Ans.Tomato.
2533. No. of seeds are normally used in Rag doll method of testing germination ?
Ans.100 nos.
2534. Nodule formation in soybean is done by ?
Ans.Rhizobium japonicum.
2535. Non leguminous nitrogen fixing trees ?
Ans.Alnus nepalensis.
2536. Non reducing type sugar is ?
Ans.Sucrose.
2537. Non Renewable resources are ?
Ans.Minerals, fossil, fuels.
2538. Non-projected visual aids ?
Ans.Posters, Charts, Flashcards, Bulletin board, Photograph etc.
2539. Normal date of commencement of South-West monsoon in India is ?
Ans.June1st
2540. Normal rain water is slightly acidic with a pH of about ?
Ans.5.6.
2541. Normally rice plant is transplanted at ?
Ans.3-4 leaf stage.

2542. North of the equator, surface winds are known as ?
Ans. Northeast trade winds.
2543. North-East monsoon contributes % of total annual rainfall of India ?
Ans. 25%.
2544. Notorious weed Lantana camera is controlled by ?
Ans. Lantana bug.
2545. NPK content of farm compost ?
Ans. 0.5:0.15:0.5%.
2546. NPK content of poultry manure ?
Ans. 3.023:2.63:1.4%.
2547. NPK content of town compost ?
Ans. 1.4:1:1.4%.
2548. In Maize plant, critical stages for water ?
Ans. Tasseling and Silking stage.
2549. NPK recommendation for Rice is ?
Ans. 100:60:40 Kg/ha.
2550. NPMSF- National Project on Management of Soil Health & Fertilizer ?
Ans. 2008-09.
2551. NPV effectively controls ?
Ans. Lepidopatarean pest.
2552. NPV means ?
Ans. Nuclear polyhedrosis Virus.
2553. NREGP means ?
Ans. National Rural Employment Guarantee Programme.
2554. NRSA (National remote sensing agency) is located at ?
Ans. Hyderabad.
2555. NRY means ?
Ans. Nehru Rozgar Yojana.
2556. Nucleic acids were first discovered by ?
Ans. Friedrich Miescher (1868).
2557. Nullisomic ?
Ans. 2n-2.
2558. Number one vegetable crop at global level ?
Ans. Potato.
2559. Seed rate of hybrid brinjal ?
Ans. 300-500gm/ha.
2560. Nutrient essential for oil seed crops ?
Ans. Sulphur.
2561. Nutrient that enhances disease resistance of plants ?
Ans. Potassium.
2562. Nutrient uptake by nitrogen in both form for rice crop ?
Ans. N (NH₄⁺ and NO₃⁻).
2563. Nutrient, responsible for translocation of sugar in sugarcane ?
Ans. Potassium (K).
2564. Nutrient, which maximum uptake by the plants ?
Ans. K⁺.
2565. Nutrients absorbed by plants from soil solution are carried upward through the ?
Ans. Xylem.
2566. NUVACRON is the trade name of
Ans. Monocrotophos.
2567. NUVAN is the trade name of ?
Ans. DDVP.

2568. Nymph of *Leptocorisa*, (Rice bug) feed on ?
Ans. Young leaves.
2569. Nymphs are the larval stages of insects undergoing ?
Ans. Incomplete Metamorphosis.
2570. Objectionable weed of wheat ?
Ans. *Convolvulus arvensis*.
2571. Occurrence of Mahali diseases of arecanut is associated with ?
Ans. South West Monsoon.
2572. ----- of a soil colloid is the capacity to adsorb or release nutrients ?
Ans. Cation Exchange Capacity.
2573. India's position of tobacco production in world agriculture is ?
Ans. Third position.
2574. Off-season variety of chrysanthemum ?
Ans. Haldi ghati, Himansu, Jaya and Jwala.
2575. Often Cross pollination crops are ?
Ans. Safflower, Arhar, Cotton and Sorghum.
2576. Oil content in copra in % ?
Ans. 62.
2577. Oil content in sesamum seed ?
Ans. 50%.
2578. Oil percentage in Ratanjot (*Jatropha* sp.) ?
Ans. 35% (from seed).
2579. Okta scale is a measure of ?
Ans. Cloud.
2580. Old and new leaves show deficiency symptoms of ?
Ans. Zn.
2581. Oldest commercially available fertilizer ?
Ans. SSP (16-18% P₂O₅).
2582. Oldest cultivated tropical fruits ?
Ans. Banana.
2583. Oldest N fertilizer, best for top dressing in rice ?
Ans. Ammonium sulphate (20.6%N and 24%S).
2584. Olericulture is the study of ?
Ans. Vegetables.
2585. Oligosaccharides contains ?
Ans. Sucrose, Maltose, Cellobiose, Lactose and Stachyose.
2586. Oligosaccharides that is used in preservation of foods ?
Ans. Sucrose.
2587. On the basis of classification of soil based on acidity a very strongly acid soil has a pH range of ?
Ans. 4 And below.
2588. On which basis, CACP fixed minimum prices of crops ?
Ans. Cost of production.
2589. *Oncocephala tuberculata*, a pest of tuber crops is ?
Ans. Leaf miner.
2590. The following fruits is a hesperidium ?
Ans. Citrus and Cucurbitaceous.
2591. The following is a day- neutral plant ?
Ans. Tomato, Pea and Cucumber.
2592. The following is not a triploid variety of banana ?
Ans. Pisang lili.

2593. India's position in world agriculture is second ?
Ans. Wheat production, rice production, oilseeds production, fruits production, sugarcane production, cotton production, vegetables production.
2594. One crop variety grown alone in pure stands at normal density in a field ?
Ans. Sole cropping.
2595. One fifth of the total animal species belong to ?
Ans. Coleoptera.
2596. One molecules of ATP yields ?
Ans. 7.6 Kcal energy.
2597. One NADH₂ produces how many ATP molecules ?
Ans. 3.
2598. One of the following fruits is tolerant to high salt content in the soil ?
Ans. Date Palm.
2599. One particular day, if the rain received 2.5 mm or more ?
Ans. Rainy day.
2600. Only tuber crop, which is rich in protein ?
Ans. Colocasia.
2601. OOTY-1 is a variety of ?
Ans. Garlic.
2602. Seedless and triploid variety of watermelon ?
Ans. Pusa bedana.
2603. Opening and closing of stomata are due to its ?
Ans. Turgidity and flaccidity.
2604. Operation flood ?
Ans. 13 Jan. 1970.
2605. Operation flood is related with ?
Ans. Milk production.
2606. Operation flood resulted ?
Ans. White revolution.
2607. Seed rate of watermelon ?
Ans. 4-4.5 kg/ha.
2608. Optimum area under forest required ?
Ans. 33% of total geographical area.
2609. Optimum depth of sowing for most of field crops ?
Ans. 3-5 cm.
2610. Optimum level of input use without resource limitation ?
Ans. Law of diminishing return.
2611. Optimum moisture content for safe storage of mustard is ?
Ans. 7-8%.
2612. Optimum profit will be obtained at a point where ?
Ans. MC = MP.
2613. Optimum storage life of grape is ?
Ans. 6-8 weeks.
2614. Optimum temperature for rice crop growth is ?
Ans. 30-32°C.
2615. Optimum temperature for sugarcane growth ?
Ans. 21-27°C.
2616. Optimum temperature range for most common vegetables is ?
Ans. 24°C to 35°C.

2617. Optimum time for Rabi crop ?
Ans. Last week of October to first week of November.
2618. Optimum time of sowing for Kharif crop ?
Ans. June-July.
2619. Orchid are known as 'Dancing girl'.?
Ans. Oncidium.
2620. Organic colloid of the soil is known as ?
Ans. Humus.
2621. Organic compounds which inhibit or modify any physiological process ?
Ans. Plant Growth Regulators (PGRs).
2622. Organic matter content in Indian soil is ?
Ans. 5 %.
2623. Organic matter decomposition results in acid production ?
Ans. Carbonic.
2624. Organic matter status is in tropical soils ?
Ans. less.
2625. Organo-phosphorus insecticides have activity ?
Ans. Broad Spectrum.
2626. Origin of Arhar, Mung, Urd, Cotton, Jute, Kodo, Kutki, Oat, Mango ?
Ans. India.
2627. Origin of Berseem ?
Ans. Egypt.
2628. Bud necrosis in watermelon is due to virus transmitted by ?
Ans. Aphid (Aphis craccivora).
2629. Origin of Groundnut ?
Ans. Brazil.
2630. Origin of Linseed ?
Ans. Afghanistan.
2631. Origin of Maize, Teosinate ?
Ans. Mexico.
2632. Origin of Napier grass ?
Ans. Rhodesia.
2633. Origin of Papaya ?
Ans. Tropical America.
2634. Origin of Potato, Tomato ?
Ans. Peru.
2635. Origin of Rice, Sugarcane ?
Ans. South East Asia.
2636. Origin of Sorghum, Bajra, Sunhemp, Sesamum, Cowpea, Castor, Clusterbean ?
Ans. Africa.
2637. Origin of Soybean, Rapeseed and Mustard, Tea ?
Ans. China.
2638. Origin of Sunflower ?
Ans. USA.
2639. Origin of Tobacco ?
Ans. America.
2640. Origin of Wheat, Barley, Buckwheat, Gram, Lucerne ?
Ans. South West Asia.
2641. Ornithology is the study of ?
Ans. Birds.
2642. Orobanch is otherwise known as ?
Ans. Broom rapes.
2643. Oryza sativa is the scientific name of ?
Ans. Rice.

2644. Paddy Gall midge (*Orseolia* Spp) infests rice at stage ?
Ans. Panicle initiation.
2645. Out of the two types of error in testing, the more severe error is ?
Ans. Type II error.
2646. Oxanthin was developed jointly by----- &-----?
Ans. Von-Schemeling & Marshal kulka.
2647. Oxidation status of ----- &----- particularly influences soil colour ?
Ans. Iron & Aluminium.
2648. Oxygen is required by the plants for ?
Ans. Respiration.
2649. Oxygen required for photosynthesis comes from ?
Ans. Water.
2650. Ozone depletion is brought about by ?
Ans. Chloro Fluoro Carbons.
2651. Ozone depletion is caused by ?
Ans. Green House Effect.
2652. Ozone is mainly found at a height of ?
Ans. 15-35km.
2653. Gaseous present in ?
Ans. Stratosphere zone 20-48 km.
2654. PACS means ?
Ans. Primary Agricultural Credit Societies.
2655. Paira and Utera cropping are most probable in ?
Ans. Bihar, MP and Chhattisgarh states.
2656. Palmarosa is other wise known as ?
Ans. Rosha grass.
2657. Pale yellow triangular patches seen below the perianth region of 2-3 month old buttons is a major symptom of ?
Ans. Coconut Eriophyid mite attack.
2658. Panama wilt of banana is also called as ?
Ans. Fusarium wilt.
2659. Sugar baby, Durgapura meetha, Durgapura kesar Arka jyoti are varieties of ?
Ans. Watermelon.
2660. Panchagavyam is associated with ?
Ans. Biodynamic farming.
2661. Panchayathi Raj was started in the year ?
Ans. 1959.
2662. Papaya is a ?
Ans. Diocious plant.
2663. Papaya is propagated mainly by ?
Ans. Mount layering.
2664. Para Grass is otherwise known as ?
Ans. Buffalo Grass/Water Grass/Angola Grass/Mauritius Grass.
2665. Paraquat is a ?
Ans. Contact herbicide.
2666. Paras is a variety of ?
Ans. Jamun.
2667. Parasite weed of sorghum ?
Ans. Striga.
2668. Parbhani revolution is related to ?
Ans. Okra.
2669. Parboiling practice is done ?
Ans. Rice.

2670. Parthenium hysteroforus is biologically controlled by ?
Ans. Zygotrochium bicolorata.
2671. Parthenocarpic variety of guava ?
Ans. Allahabad round.
2672. Pillow disease of cucumber is due to ?
Ans. Calcium deficiency.
2673. Patch budding & Flap budding are practiced in ?
Ans. Rubber.
2674. PCR denotes ?
Ans. Polymerase Chain Reactions.
2675. Pusa himjyoti and Pusa snowball are varieties of ?
Ans. Cauliflower.
2676. Pearling index in wheat measures ?
Ans. Kernel hardness/softness
2677. Pearl millet is also known as
Ans. Bulrush millet.
2678. Peaty soils are generally deficient of ?
Ans. Cu.
2679. Pebrine is a disease caused by Protozoa affecting ?
Ans. Silkworm.
2680. Pegging practice is done ?
Ans. Groundnut.
2681. Pepper research institute is located at ?
Ans. Panniyoor, Kerala.
2682. Per hectare of seed rate of marigold ?
Ans. 1.2-1.5 kg/ha.
2683. Percentage concentration of CO₂ in air and soil is ?
Ans. 0.030% and 0.25%.
2684. Percentage mineral matter content of a typical soil on volume basis is ?
Ans. 45%.
2685. Percentage of agriculture labourers to the work force ?
Ans. 42%.
2686. Percentage of Argon in the atmosphere ?
Ans. 0.93%.
2687. Brown heart in radish is due to ?
Ans. Boron deficiency.
2688. Arka nishant, Pusa chetki, Japanese white, Pusa himani are varieties of ?
Ans. Radish.
2689. Percentage of labour force engaged in India ?
Ans. 70%.
2690. Percentage of Nitrogen in the atmosphere ?
Ans. 78.09%.
2691. Seed rate of carrot ?
Ans. 5-6 kg/ha.
2692. Percentage of O₂ in the atmosphere ?
Ans. 20.5%.
2693. Percentage of Potassium in Potassium sulphate ?
Ans. 50%.
2694. Perennial hedges + crops ?
Ans. Alley cropping.
2695. Perlite & Vermiculite are used as ?
Ans. Nursery Growing Media.

2696. Permanent roots of wheat, appeared after 20-22 days of sowing ?
Ans. Crown roots.
2697. Permissible limit of iron in drinking water ?
Ans. 1 ppm.
2698. Pests generally causes approximately -----% of crop loss ?
Ans. 30-50%.
2699. PF refers to ?
Ans. Logarithm of soil moisture tension.
2700. PFA means ?
Ans. Prevention of Food Adulteration Act of 1954.
2701. PGR related to drought tolerance and stress hardness in plants ?
Ans. Abscisic acid.
2702. PGR used for fruit ripening ?
Ans. Ethylene.
2703. pH measurements of soil in the laboratory is done with and in the field with ?
Ans. Electronic & Indicator Method.
2704. pH of Black cotton soils ranges between ?
Ans. 6.5 to 8.5.
2705. pH value of pure water ?
Ans. 7-Neutral.
2706. Phenomenon of cooling of eastern pacific ?
Ans. El Niño.
2707. Phenomenon of warming of eastern pacific ?
Ans. El Niño.
2708. Phenotypic ratio of Dicross hybrid ?
Ans. 9:3:3:1.
2709. Phenotypic ratio of Monocross hybrid ?
Ans. 3:1.
2710. Pheromone is used against Red palm weevil of coconut ?
Ans. Ferrolure.
2711. Pheromone is used against Rhinoceros beetle of coconut ?
Ans. Sb Phermone.
2712. Philippines' is a variety of ?
Ans. Green gram.
2713. Phomopsis blight and Bacterial blight resistant variety of brinjal ?
Ans. Pant Samrat.
2714. Phomopsis blight or Fruit rot of Brinjal is caused by ?
Ans. Phomopsis vexans.
2715. Phosphorus availability is maximum at a pH range of ?
Ans. 6 & 7.
2716. Phosphorus deficiency symptom ?
Ans. Leaves become purple in colour.
2717. Phosphorus fixation is more in While Potassium fixation is more in ?
Ans. Kaolinite, montmorillonite.
2718. Phosphorus fixation is most probable in ?
Ans. Laterite Soil.
2719. Phosphorus present in Di calcium phosphate ?
Ans. 34-39.
2720. Phosphorus present in Basic slag ?
Ans. 14-18.
2721. Phosphorus present in Bone meal ?
Ans. 23-30.

2722. Phosphorus present in DAP ?
Ans. 46.
2723. Phosphorus present in DSP (double) ?
Ans. 32%.
2724. Phosphorus present in Rock bone meal ?
Ans. 20-25.
2725. Phosphorus present in Rock phosphate ?
Ans. 20-40.
2726. Phosphorus present in SSP (single) ?
Ans. 16.
2727. Phosphorus present in Steamed bone meal ?
Ans. 22.
2728. Phosphorus present in TSP (triple) ?
Ans. 46-48.
2729. Phosphorus fixation more in soils rich in ?
Ans. Kaolinite.
2730. Photo-insensitive plants are otherwise known as ?
Ans. Day neutral plant.
2731. Photoinsensitive rice ?
Ans. IR-8, Jaya.
2732. Photorespiration occurs in ?
Ans. Night.
2733. Photorespiration occurs in ?
Ans. Chloroplast, Peroxisomes, Mitochondria.
2734. Photosensitive variety of paddy grown mostly in virippu season ?
Ans. Ptb-1.
2735. "Phycology" is the study of ?
Ans. Algae.
2736. Photosynthesis active radiation (PAR) occurs at ?
Ans. 400-700 nm.
2737. Beverage is prepared from black carrot known as ?
Ans. Kanji.
2738. Phyllody is caused by ?
Ans. Phytoplasma.
2739. Physical and chemical disintegration and decomposition of rocks is known as ?
Ans. Weathering.
2740. Physical condition of soil resulting from tillage ?
Ans. Tilt.
2741. Physical purity \times Germination percentage / 100 = ?
Ans. PLS - Pure Live Seed.
2742. Phytosanitary Certificate is a mandatory document in proceedings of ?
Ans. Legal Control.
2743. Piercing and sucking type of mouth parts are found in ?
Ans. Aphids.
2744. Pigeonpea belongs to the family of ?
Ans. Papilionaceae.
2745. Pigment which are responsible for photosynthesis in higher plants ?
Ans. Chlorophyll a and b.
2746. Pineapple Research Station is located at ?
Ans. Vellanikkara, Kerala.
2747. Pinjore gardens is located in ?
Ans. Haryana.

2748. Tree banding is useful for control of ?
Ans.Mango mealy bug.
2749. Pink Boll Worm is a pest of ?
Ans.Cotton.
2750. Pink disease in rubber is caused by ?
Ans.Fungus (Corticium salmonicolor).
2751. Pink revolution is related to ?
Ans.Prawn production, onion and pharmaceutical.
2752. Pink stem borer attacks to plants in ?
Ans.Night.
2753. PKM 1 is a variety of ?
Ans.Drumsticks.
2754. Planning Commission first formulated in ?
Ans.15 March, 1950.
2755. Planning Commission replaced by a new institution named as – National Institution for Transforming India (NITI) Aayog, by ?
Ans.Prime Minister Narendra Modi in 2015 Headquarter- New Delhi.
2756. Plant cell walls are ?
Ans.Permeable in nature
2757. The most suitable fumigant for quarantine purpose is ?
Ans.Methyl bromide.
2758. Plant hormones that regulate plant growth, particularly by stimulating cell elongation?
Ans.Auxin
2759. Plant life ceases below ?
Ans.40°F.
2760. Plant parasitic bugs belong to the order ?
Ans.Hemiptera.
2761. Plant part used for micro-propagation?
Ans.Explant.
2762. Plant takes the nutrient in the form of ?
Ans.Ions.
2763. Plant tissue culture techniques are performed in cabinet ?
Ans.Laminar Air Flow Chamber.
2764. Planting material used for sugarcane planting is
Ans.Upper 1/3 to half part of cane
2765. Planting materials of sugarcane is known as ?
Ans.Setts.
2766. Planting of low growing plants along with paths, roads, flower beds, lawns etc. for demarcation and beautification ?
Ans.Edge.
2767. Planting space of papaya ?
Ans.2m×2m.
2768. Plants absorb Nitrogen mainly in form ?
Ans.Nitrate (No₃-).
2769. -----plants are suited for Patch budding ?
Ans.Thick barked.
2770. -----plants do not have either seeds or flowers ?
Ans.Fern.
2771. Plants produce seeds that germinate before they detach from the parent ?
Ans.Viviparous plants.
2772. The bollgard is ?
Ans.Transgenic cotton.

2773. -----plants show uniform characters ?
Ans. Vegetative propagated.
2774. Plants that have been genetically produced using recombinant DNA techniques is called ?
Ans. Transgenic plants.
2775. Plants which are confined to places of very low Rainfall ?
Ans. Xerophytes.
2776. Plants which can grow under shaded conditions are called ?
Ans. Sciophytes.
2777. Plants which grow on other plants are called ?
Ans. Epiphytes.
2778. Plants which require more water ?
Ans. Hydrophytes.
2779. Plasma membrane is a type of ?
Ans. Semi-permeable membrane
2780. Plasticity is a property exhibited by ?
Ans. Heavy soils.
2781. Plastids was introduced by ?
Ans. Lederberg.
2782. Plastron respiration occurs in ?
Ans. Aquatic insects.
2783. Pleurotus is ?
Ans. Oyster mushroom.
2784. Pneumatic sprayers work by ?
Ans. Compressing a layer of air ?
2785. Pointed gourd is propagated through ?
Ans. Vine cutting.
2786. The most effective moulting hormone (MH) in insects is ?
Ans. Ecdysone.
2787. Pollarding is done at ?
Ans. 2 m height from ground.
2788. POLLARDING is a term associated with ?
Ans. Tea cultivation.
2789. Pollarding is ?
Ans. A technique of pruning trees.
2790. Pollen from a flower of one plant falls on the stigmas of other flowers of the same plant. ?
Ans. Geitonogamy.
2791. Pollination and fertilization occurs before opening of flower is termed as ?
Ans. Cleistogamy.
2792. Pollu Beetle attacks ?
Ans. Pepper berries.
2793. Diamond back moth is a pest of?
Ans. Crucifers vegetables (Cabbage) .
2794. Polyalthia longifolia is an ?
Ans. Ornamental tree.
2795. Polyantha, Grandiflora & Floribunda are types of ?
Ans. Rose.
2796. Polyembryonic species of citrus ?
Ans. Acid lime.
2797. Polymer of glucose ?
Ans. Cellulose.
2798. Polyploidy level in embryo and endosperm of seed ?
Ans. 3n.

2799. Polyploidy level in endosperm of *Triticum aestivum* ?
Ans.63.
2800. Polyploidy level of testa and pollen mother cell of seed ?
Ans.2n.
2801. Pomology is the study of ?
Ans.Fruits.
2802. Poor man's disease of rice ?
Ans.Brown leaf spot Helminthosporium oryzae.
2803. Poor man's Orange is ?
Ans.Tomato.
2804. Pop corn maize varieties are ?
Ans.Amber pop, VL Amber. Pop, Pearl pop corn.
2805. Popular varieties of bottle guard ?
Ans.Pusa Summer Prolific long, Summer Prolific Round, Pusa Manjari, Pusa Megdoot.
2806. Population theory was proposed by ?
Ans.Malthus.
2807. Portion of a plant into which a bud or a portion of a branch is set is known as ?
Ans.Root stock.
2808. Bud necrosis in groundnut transmitted by ?
Ans.Thrips.
2809. Pot trap is extensively used for catching ?
Ans.Rice field rats.
2810. Potash present in Murate of potash/KCl ?
Ans.60 %.
2811. Potash present in Potassium nitrate ?
Ans.44 %.
2812. Potash present in Sulphate of potash ?
Ans.48 %.
2813. Potassic fertilizer containing highest amount of K₂O ?
Ans.Muriate of potash/KCl (60%K₂O).
2814. Potassic fertilizer suitable for fertigation ?
Ans.Potassium Nitrate (44%K₂O).
2815. Potassium exist inform in plants ?
Ans.Elemental.
2816. Potato crop favours the soil for best growth ?
Ans.Sandy loam soil.
2817. Potato crop requires an average temperature for tuberization is of ?
Ans.17-20°C
2818. Potato is a ?
Ans.Autotetraploid.
2819. Potato is an ?
Ans.Underground stem.
2820. Potato tubers should be stored in ventilated closed room with maintenance of ?
Ans.4-50C temperature and 90-95% RH.
2821. Potato virus diseases are spread by ?
Ans.Aphids.
2822. Powdery mildew of cucurbits is caused by ?
Ans.Erysiphe cichoracearum.
2823. Powdery mildew of Rubber is caused by ?
Ans.Fungus (Oidium heveae).

2824. Pramuttan is a variety of ?

Ans. Betel Vine.

2825. Precocines are known as ?

Ans. Fourth generation insecticides.

2826. Presence of holes on Coconut stem & oozing out of viscous brown fluid are symptoms of attack ?

Ans. Red Palm Weevil.

2827. Presence of sufficient Oxygen in soils is generally indicated by colour of soil ?

Ans. Grey.

2828. Present chairman, Planning Commissions ?

Ans. Narendra Modi.

2829. Moulting hormone (ecdysone) is secreted by ?

Ans. Prothoracic glands.

2830. Present value of future investment is calculated by ?

Ans. Discounting.

2831. Preserved form of fodder ?

Ans. Silage.

2832. Pressure, applied in sprinkler irrigation system ?

Ans. >2.5 bar.

2833. Price fixed by government for agricultural products ?

Ans. Minimum Support Price (MSP) given by CACP.

2834. Primary consumers in aquatic system are ?

Ans. Zooplanktons.

2835. Priming method of harvesting is popular in ?

Ans. Cigarette, Wrapper and Chewing type (Tobacco).

2836. Nosema disease of honeybees is caused by a protozoa ?

Ans. Nosema apis.

2837. Priya, Preethi, Priyanka & Arka Harith are high yielding varieties of ?

Ans. Bitter Gourd.

2838. Probability ranges from ?

Ans. 0 to 1.

2839. Problematic weed, whose seed once mixed with crop seed is extremely difficult to separate ?

Ans. Objectionable weed.

2840. Proboscis associated with ?

Ans. Moths and Butterfly.

2841. Production function is also known as ?

Ans. Input Output relation.

2842. Production of virus free plant is an advantage of ?

Ans. Seed propagation.

2843. Productivity of Bajra is highest at ?

Ans. UP.

2844. Products of weathering give rise to characteristic layering called ?

Ans. Horizon.

2845. Progeny of a single cross fertilized heterozygous individual ?

Ans. Inbred.

2846. Progeny of a single plant, obtained by asexual reproduction ?

Ans. Clone.

2847. Vector of rice 'Tungro' viral disease is ?

Ans. Green Leaf Hopper (Nephotettix virescens).

2848. Vector of rice 'Grassy stunt' disease is?
Ans. Brown plant Hopper (Nilaparvata lugens).
2849. Progeny selection is also known as ?
Ans. Ear to row method of selection.
2850. -----promotes root formation in layering ?
Ans. IBA.
2851. -----promotes root growth in plants ?
Ans. Phosphorus.
2852. -----propagates through root tubers ?
Ans. Sweet potato/Dahlia/Canna.
2853. Control of tundu disease?
Ans. Hot water treatment 500 C for 2 hours.
2854. Propagation through apomictic embryo is observed in ?
Ans. Mango/Citrus.
2855. Propagation through Approach grafting is observed in ?
Ans. Mango/Sapota.
2856. Propagation through corms is observed in ?
Ans. Gladiolus.
2857. Propagation through leaf cuttings is observed in ?
Ans. Begonia/Sansevieria.
2858. Propagation through mound layering is observed in ?
Ans. Papaya.
2859. Propagation through patch budding is observed in ?
Ans. Mango/Rubber.
2860. Propagation through root cuttings is noticed in ?
Ans. Bread fruit.
2861. Propagation through stem tubers is observed in- ?
Ans. Potato.
2862. Propagation through T-budding is observed in ?
Ans. Rose/Citrus.
2863. Chaffy grains with black spot in rice are due to ?
Ans. Gundhi Bug (Leptocorisa acuta).
2864. In rice, Gandhi bug causes damage on the stage ?
Ans. Milky stage.
2865. Protein and oil per cent in Maize grain ?
Ans. 8–10 per cent and 4–5 per cent.
2866. Protein content in potato is ?
Ans. 1.6%.
2867. Protein is discovered by ?
Ans. Barzelius (1838).
2868. Protein that contains only amino acid ?
Ans. Simple protein.
2869. Vector of leaf curl diseases in plants is ?
Ans. White fly (Bemisia tabaci).
2870. Puddling is a term related with ?
Ans. Wetland Rice cultivation.
2871. PUFA content is highest in ?
Ans. Sunflower.
2872. Pulsation theory was given by ?
Ans. J.C. Bose (1923).

2873. Pulse crop known as 'biological plough'?
Ans. Pigeon pea.
2874. Pulses are deficient in amino acid?
Ans. Methionine.
2875. Pulsing' is performed to increase the post harvest life of?
Ans. Cut flowers.
2876. Pungency in garlic is due to?
Ans. Alicin, Allinase.
2877. Pungency of onion is due to?
Ans. Allyl Propide di-sulphide
2878. Pupal stage of butterflies is termed?
Ans. Chrysalis.
2879. Flaring of squares in cotton is due to?
Ans. Spotted bollworm (Earias vitella).
2880. Pusa bedana is a cross of?
Ans. Tetra-2 × Pusa Rasal.
2881. Pusa Chethki is a variety of?
Ans. Radish.
2882. Pusa Chikni, Pusa Supriya and Harita are the varieties of?
Ans. Sponge guard.
2883. Pusa delicious, Pusa majesty, CO-3 and Coorg honew dew which type of grape variety?
Ans. Gynodioecious varieties.
2884. Pusa dwarf, Pusa Nanha and Pusa giant which type of papaya variety?
Ans. Dioecious.
2885. Pusa Jwala & Pusa Sadabahar are varieties of?
Ans. Chilies.
2886. Pusa Kesar is a variety of?
Ans. Carrot.
2887. Pusa Nasdar and Satputia are popular varieties of?
Ans. Ridge guard.
2888. Pusa Purple Cluster is a bacterial wilt resistant variety of?
Ans. Brinjal.
2889. Pusa Rubi is a cross of?
Ans. Sioux × Improved Maruti.
2890. Pusa Rubi, Arka sourav, Pant bahar and Best of all are ?
Ans. Indeterminate varieties of tomato.
2891. Pusa Ruby is a variety of?
Ans. Tomato.
2892. Pusa Sanyog is a variety of?
Ans. Cucumber.
2893. Pusa Sawani and Parbhani Kranti is famous variety of?
Ans. Okra.
2894. Pusa seethal is a variety of?
Ans. Cucumber.
2895. Pusa Snowball is a variety of?
Ans. Cauliflower.
2896. Double seed formation in cotton bolls is due to ?
Ans. Pink boll worm (Pectinophora gossypiella).
2897. Pusa Summer Prolific & Arka Bahar are varieties of?
Ans. Bottle Gourd.

2898. Pyrite (FeS₂) is used to reclaim ?
Ans. Saline soils.
2899. QPM (Quality protein maize) varieties are ?
Ans. Sakti, Shaktiman 1 & 2, HQPM.
2900. Quality Protein Maize (QPM) varieties released by using ?
Ans. Opaqua-2 genes.
2901. Quantity of lime required to neutralize the acidity of a soil depends on both----&----?
Ans. Active & Reverse Acidity.
2902. Quantity of water or irrigation/tree in loamy soil for coconut ?
Ans. 1300 L.
2903. Quarantine Laws comes under ?
Ans. Legal Control.
2904. Queen Elizabeth is a variety of ?
Ans. Floribundas rose.
2905. White grubs prefer to lay egg on ?
Ans. Sandy and sandy loam soils .
2906. Queen of cereal is ?
Ans. maize.
2907. Queen of bulbous flower ?
Ans. Gladiolus.
2908. Queen of fodder ?
Ans. Lucerne.
2909. Soil particles <0.001 mm diameter have ?
Ans. Colloidal property.
2910. Queen of nut ?
Ans. Peanut.
2911. The term "Colloids" was given by ?
Ans. Graham 1861.
2912. The elements required for seed formation ?
Ans. Phosphorus.
2913. Zinc deficiency is produced in ?
Ans. Calcareous soil.
2914. Due to waterlogging the availability of which nutrient is increased in rice field is ?
Ans. Manganese.
2915. -----are used to break hard pans of soil even at 60-70 cm deep ?
Ans. Chisel Plough.
2916. A market where homogenous products and large no. of buyers and salers are found ?
Ans. Pure Market.
2917. Quinine is obtained from the bark of ?
Ans. Cinchona tree.
2918. -----are having highly decomposed organic matter ?
Ans. Muck soil.
2919. Rachel Carson's famous book 'Silent spring' was published in ?
Ans. 27 sep. 1962.
2920. Radio transmission found in ?
Ans. Ionosphere zone.
2921. RADP- Rain fed Area Development Programme, Since ?
Ans. 20 March, 2008.
2922. RAGI' is otherwise known as ?
Ans. Finger Millet.
2923. Raiffeisen and Schulze-delitch type of co-operatives are considered to be pioneer co-operatives of ?
Ans. Germany.

2924. Rain Fall is observed in the agromet. Observatory at ?
Ans.8.30 am and 14 IST.
2925. Rain is precipitated from the cloud ?
Ans.Nimbus.
2926. Rainbow revolution is related to ?
Ans.Agriculture (1996).
2927. Rainfall is measured by ?
Ans.Raingauge.
2928. -----refers to the shape of space available for individual plants ?
Ans.Crop geometry.
2929. Ideal NPK ratio should be ----- for pulses ?
Ans.1:2:1.
2930. Raising of forests of public or community land ?
Ans.Community forestry.
2931. Rajphos contains-----% Phosphorus ?
Ans.18-20.
2932. Rambuttan belongs to the family ?
Ans.Sapindaceae.
2933. Ranikhet disease in poultry is caused by ?
Ans.Virus.
2934. Ranikhet' disease of poultry is also known as ?
Ans.New castle disease.
2935. RAPD denotes ?
Ans.Random amplified polymorphic DNA.
2936. Rashtriya Krishi Vikas Yojana (RKVY) - launched in ?
Ans.August 2007.
2937. Ratanjot and Karanj are. ?
Ans.Biofuel plants .
2938. Ratna is a cross of ?
Ans.Neelam × Alphanso.
2939. Ratol is a ?
Ans.Rodenticide.
2940. Ratoon cropping is widely practiced in ?
Ans.Sugarcane.
2941. RBD is also called as ?
Ans.One way elimination of heterogeneity design/Two way classification of ANOVA.
2942. RBI was established and nationalized in ?
Ans.1st April, 1935 and 1st January, 1949.
2943. Recommended NPK dose for oat ?
Ans.80:30:20 kg/ha.
2944. Red bore is a pest of ?
Ans.Cocoa.
2945. Red pigment in litchi is due to ?
Ans.Anthocyanin.
2946. Red pumpkin beetle & Epilachna beetle are pests of ?
Ans.Cucurbits.
2947. Red revolution is related to ?
Ans.Meat/Tomato production.
2948. Red rot disease of sugarcane is caused by ?
Ans.Colletroticum falcatum.
2949. -----is highly sensitive to boron toxicity?
Ans.Cabbage (<0.33 ppm).
2950. Red Rust of Tea is caused by ?
Ans.Algae.

2951. Red soil is red coloured due to ?

Ans.Ferric oxides.

2952. Red Spanish is a variety of ?

Ans.Pineapple.

2953. Red Spider Mite is a pest of ?

Ans.Tapioca.

2954. Red strip of sugarcane is caused by ?

Ans.Pseudomonas riubrilinus.

2955. Rediscovery of Mendel's work was done by ?

Ans.Hugo de Vries, Carl Correns and Erich Tschermak (1900).

2956. Redness in apple is due to ?

Ans.Anthocyanin.

2957. Brown or leaf rust in wheat caused by?

Ans.Puccinia recondite tritici.

2958. A line is left unsown in the regular row series of sowing is called ?

Ans.Skip cropping.

2959. Reflectant type antitranspirents is ?

Ans.Kaoline (5%).

2960. Regional Rural Banks (RRB) was established in ?

Ans.2nd Oct., 1975.

2961. Example of Nurse crop ?

Ans.Rai/mustard in peas and jowar in cowpea.

2962. Regression coefficient is independent of ?

Ans.Origin.

2963. Regular bearer varieties of mango ?

Ans.Ratna, Neelum, Himsagar, Gulab khas, Pairy and Totapari.

2964. Regulatory proteins are ?

Ans.Insulin.

2965. Relationship between AM, median and Mode in asymmetrical distribution ?

Ans.Mode = 3 Median – 2 Mean.

2966. Fruit cracking in anar due to?

Ans.Deficiency of Ca, B & K.

2967. Relative proportion of soil particle in a soil mass ?

Ans.Soil texture.

2968. Removal of any excess or undesirable/unproductive branches, shoots or any other parts of plants ?

Ans.Pruning.

2969. Removal of male bud after completion of female phase is known as ?

Ans.Denavelling.

2970. Removal of moisture from the food materials for preservation ?

Ans.Dehydration.

2971. Keeping vegetables in boiling water for 2-5 minutes followed by cooling ?

Ans.Blanching.

2972. Removal of soil particles due to rain drops (through bouncing) is called ?

Ans.Splash erosion

2973. Removal of the entire tassel (male inflorescence of maize) from the plant before pollen to initiate cross hybridization ?

Ans.Detasseling.

2974. Removal of undesired suckers, done once in 45 days of planting ?

Ans.Desuckering.

2975. Rent, interest on fixed capital, depreciation of building, taxes and wages of the permanent labourers constitute ?
Ans.Fixed Costs.
2976. Repeated application of treatments ?
Ans.Replication.
2977. Repeated crossing of hybrid progeny back to one of its parents ?
Ans.Back Cross.
2978. Reproductive structures of fungus ?
Ans.Spores.
2979. Require more splits of N application ?
Ans.Coarse textured soils.
2980. Requirement of dry land crops ?
Ans.Length of growing period.
2981. Reserpine is isolated from the roots of ?
Ans.Rauwolfia.
2982. Yellow pigment in papaya ?
Ans.Carica xanthin.
2983. Response of plants to the relative length of day and night periods ?
Ans.Photoperiodism.
2984. Result demonstration is based on ?
Ans.Seeing by doing.
2985. C:N Ratio of legumes?
Ans.20:1 to 30:1.
2986. Retting of jute fibre is a ?
Ans.Biochemical process.
2987. Reward of Capital ?
Ans.Interest.
2988. Reward of Labour ?
Ans.Wages.
2989. RFLD denotes ?
Ans.Restriction fragment length polymorphism.
2990. Rhizobium fixes atmospheric nitrogen/ha to the soil ?
Ans.50-100 kg.
2991. Rhizobium japonicum culture is applied for crops ?
Ans.Soybean and Groundnut.
2992. Rhizobium leguminosarum is applied for ?
Ans.Pea, Lathyrus and Lentil.
2993. Rhizobium trifoli is applied for ?
Ans.Berseem.
2994. Rice 'white tip' is caused by the infestation of ?
Ans.Aphelenchoides, a nematode.
2995. Rice Blast is caused by ?
Ans.Pyricularia- fungus.
2996. Rice blast is effectively controlled by spraying of ?
Ans.Edifenphos.
2997. Rice breeders ?
Ans.Dr. H. M. Beachell (in India, Dr. Gurdev singh khush).
2998. Rice case worm is ?
Ans.Nymphula depunctalis.
2999. Father of soil taxonomy?
Ans.Dr.Guy D.Smith.
3000. Rice Granary of India?
Ans.Andhra Pradesh.

3001. Rice inflorescence is called as ?

Ans.Panicle.

3002. The book “ Nature and properties of soil” is written by ?

Ans.N.C. Brady.

3003. Rice prefer nitrogen uptake in ?

Ans.Ammonical form (NH₄).

3004. Rice protein is known as ?

Ans.Oryzein.

3005. Rice varieties suitable for Saline-alkaline soil are ?

Ans.CSR-10, CSR-13, CSR-27.

3006. Rice, Wheat, Buckwheat and Oat are ?

Ans.Self pollinated crops.

3007. Richest source of Iron ?

Ans.Karonda.

3008. Richest source of protein is ?

Ans.Beans.

3009. Richest source of Vit-B2?

Ans.Bael.

3010. Ridge and furrow method is mostly used in ?

Ans.South India.

3011. Ridge Gourd is a ?

Ans.Minor Vegetable.

3012. Ridge plough is used for ?

Ans.Earthing-up and form ridges and furrows.

3013. Rinderpest disease in cattle is caused by ?

Ans.Virus.

3014. Ring basin method is suitable for ?

Ans.Fruit trees.

3015. Ring budding is practiced in ?

Ans.Rubber/Ber/Cherry/Cinchona

3016. Risks arise due to changes in Government policies are termed as ?

Ans.Institutional risk.

3017. RNA that transfer amino acids from cytoplasm to ribosome ?

Ans.m-RNA.

3018. “Robert Owen” the founder of Cooperatives is a native of ?

Ans.Britain.

3019. Rock bees are seen ?

Ans.Suspended free from top of roof trees.

3020. Rock Phosphate is mostly used in ?

Ans.For Perennial crops and Acid soil.

3021. Fruit of buck wheat is known as?

Ans.Achene.

3022. Rock phosphate is not suitable for ?

Ans.Alkaline soil.

3023. Rodenticides are used to kill ?

Ans.Rats.

3024. Rodents belong to the phylum-----& class-----?

Ans.Chordata & Mammalia.

3025. Rogor is the trade name of ?

Ans.Dimethoate.

3026. Rohini is a----- variety of Paddy ?

Ans.Short duration.

3027. Root and collar rot of sunflower is caused by ?

Ans.Sclerotium rolfsii.

3028. Root galls are formed in vegetable crops due to the infestation by ?
Ans. Meloidogyne Spp, (Root knot nematode).
3029. Root knot disease of tobacco is effectively controlled by ?
Ans. Carbofuran.
3030. Wind speed is measured by ?
Ans. Anemometer.
3031. Root pruning is a part of ?
Ans. Bonsai.
3032. Rootstock of mandarin orange is ?
Ans. Rangpur lime.
3033. Rose can be cultivated up to ?
Ans. 5 years.
3034. Rose is commercially propagated by ?
Ans. T-budding and Hardwood stem cuttings.
3035. -----is the yield of a marketable crop produced per unit of water used in evapotranspiration ?
Ans. Water use efficiency.
3036. Evapotranspiration constitutes nearly ----% of the total water uptake ?
Ans. 99%.
3037. Rose species having large flowers in clusters ?
Ans. Floribundas.
3038. -----roses are used as hedges ?
Ans. Floribunda.
3039. Rosetting of flowers and double seed formation in cotton is the symptoms of ?
Ans. Pink Bollworm (Pectinophora gossypiella).
3040. Rotary plough is used for ?
Ans. Cut and pulverizes the light soil.
3041. Rotenone is a potent insecticide prepared from ?
Ans. Derries and Lonchocarpus.
3042. Rough ER is associated with ?
Ans. Ribosome.
3043. Round revolution is related to ?
Ans. Potato production.
3044. Round table discussion is called ?
Ans. Panel.
3045. Round up is the trade name of ?
Ans. Glyphosate.
3046. RRB known as ?
Ans. Small Man's Banks.
3047. RRB were set up under the recommendation of ?
Ans. Narasimham Committee.
3048. RRII 105, PB 260 are clones of ?
Ans. Natural Rubber.
3049. Rubber plants are propagated by a method of budding known as ?
Ans. Forket budding.
3050. "Rubber Research Institute of India" is located in ?
Ans. Kottayam, Kerala.
3051. "Runner shoots" are used for propagation in ?
Ans. Pepper.
3052. Rural Development programme was started on ?
Ans. 1935.

3053. Rust of groundnut is caused by ?

Ans. Puccinia arachidis.

3054. -----% of water is used in actual metabolic process ?

Ans. 1%.

3055. SA-1 is a variety of ?

Ans. Red gram.

3056. Saccharum barberi and Saccharum sinensis are termed as ?

Ans. Indian cane.

3057. Safed Jam is a cross of ?

Ans. Allahabad safeda × Kohir.

3058. Safflower crop is known as ?

Ans. Fencing crop/Border crop.

3059. Sakthi, Mukthi & Anagha are varieties of ?

Ans. Tomato.

3060. Saline soil is also called as ?

Ans. Solonchak and White alkali.

3061. Salt content in irrigation water evaluated as best quality ?

Ans. 0.2 to 0.5 g/l.

3062. Salts of strong bases and weak acids are used for correcting ?

Ans. Acidity.

3063. Samanea saman is a ?

Ans. Shade Tree/Rain tree/ Ornamental flowering tree.

3064. Consumptive use of water is ?

Ans. CU = Evapotranspiration + water used in metabolic activities.

3065. San Ramon is a variety of ?

Ans. Coconut.

3066. Growing of different crops in same land is called as ?

Ans. Crop rotation.

3067. Sand content of coastal alluvium is greater than ----- & clay content is than ----- ?

Ans. 80%, 15%.

3068. Sandy soil usually has ----- level of bulk density ?

Ans. Low.

3069. Sandy soils contain at least ----- % of sand separates ?

Ans. 70%.

3070. Santallus pallelus, the grubs and adults feed on the eggs and larvae of pests ?

Ans. Oryctes.

3071. Sapna is a variety of ?

Ans. Gladiolus.

3072. Sapota is grown in ?

Ans. Tropical climate.

3073. Saras is a popular variety of ?

Ans. Pumpkin.

3074. Sarika, Malika & Vijayanthi are varieties of ?

Ans. Cowpea.

3075. Sasthamkotta in 1960 because of ?

Ans. Presence of Parathion in the sugar supplied to the public.

3076. Scab disease in apple is caused by ?

Ans. Venturia inaequalis.

3077. Scales and mealy bugs belong to the order ?

Ans. Hemiptera.

3078. Scarification is a method to promote ?
Ans. Germination.
3079. School education is ?
Ans. Formal education.
3080. Scorching and burning on margins of bottom leaves and irregular fruit development of plant are most common symptoms of ?
Ans. K deficiency.
3081. Standard Deviation is always calculated by ?
Ans. Arithmetic Mean.
3082. SD is ranges from ?
Ans. 0 to ∞
3083. "Sea customs act" of 1878 was introduced to prevent the entry of ?
Ans. Cotton Boll Weevil.
3084. Season for third crop (puncha) ?
Ans. Dec-Jan to March-Apr.
3085. Seed Act 1966 was passed on ?
Ans. 29-12-1966.
3086. Seed dormancy is induced by ?
Ans. Abscisic acid.
3087. Seed dormancy of potato tubers is broken by treating tubers with ?
Ans. Thiourea 1%.
3088. Seed dormancy of seed is broken by ?
Ans. Cytokinin.
3089. Seed of mushroom is called ?
Ans. Spawn.
3090. Seed plot technique (SPT) in potato is used for ?
Ans. Producing virus free seed tubers.
3091. Seed processing is termed as ?
Ans. Grading.
3092. "T" test is applicable when no of treatment is ?
Ans. 2.
3093. Seed rate for cassava ?
Ans. 2000 stems / 12000 setts.
3094. Seed rate for rice broadcasting ?
Ans. 80-100 kg.
3095. Coefficient of Variation is computed by ?
Ans. (S.D./Mean) x 100.
3096. Seed rate of bitter gourd ?
Ans. 4.5-5 kg/ha .
3097. Seed rate of bottle gourd ?
Ans. 3-4 kg/ha.
3098. Seed rate of cabbage is ?
Ans. 350-500 gm/ha.
3099. Seed rate of cauliflower is ?
Ans. 500-600 gm/ha.
3100. Seed rate of Composite maize is ?
Ans. 15 to 20 kg/ha.
3101. Seed rate of Hybrid maize ?
Ans. 20 to 25 kg/ha.
3102. Seed rate of knol khol is ?
Ans. 1-1.5 kg/ha .
3103. Seed rate of pumpkin ?
Ans. 1.0-1.5 kg/ha.
3104. Seed recovery percentage for cucumber ?
Ans. 1%.

3105. Seed testing refers to ?
Ans. Testing of Purity, Moisture and Germination of seeds.
3106. Seed treatment in pea is done by ?
Ans. Captan/Thirum 2.5 gm + Rhizobium leguminosarum 10 gm/kg seed.
3107. Seed treatment of berseem seed is done by ?
Ans. Rhizobium trifolium culture.
3108. Seed treatment of lucerne seeds is done by ?
Ans. Rhizobium meliloti culture.
3109. Seedless variety of Jamun is ?
Ans. Narendra Jamun-6.
3110. Seedless variety of mandarin orange ?
Ans. Satsuma.
3111. Hybrid maize was first conceived by ?
Ans. E.M. East and G.H. Shull in 1910.
3112. Selected variety/line/clone x open pollinated variety ?
Ans. Top cross.
3113. Self liquidating loans are used for ?
Ans. Seasonal crops.
3114. Self pollinated species are also known as ?
Ans. Autogamous species.
3115. Self recording rain gauge commonly used in our Country ?
Ans. Float type.
3116. Semi root parasitic weed of Sorghum and Sugarcane ?
Ans. Striga spp.
3117. Semi stem parasitic weed of Mango ?
Ans. Loranthus spp.
3118. Semi-Arid regions normally receives a rainfall range of ?
Ans. 500-750 mm.
3119. Semicascade, cascade and slanting are forms of training ?
Ans. Bonsai.
3120. Semi-hardwood cuttings are used as vegetative propagating material in ?
Ans. Tea/Croton/Hibiscus.
3121. September & Pusa Drum Head are varieties of ?
Ans. Cabbage.
3122. Sericine content of silk fibre is ?
Ans. 20-30%.
3123. Serpentine layering is practiced in ?
Ans. Wisteria /Clematis.
3124. Sesamum is grown as a -----crop in third crop season of Onattukara ?
Ans. Catch crop.
3125. Sesamum variety for uplands ?
Ans. Surya.
3126. Sevagram Rural Development Programme is associated with ?
Ans. Mahatma Gandhi.
3127. Sevin is the trade name of ?
Ans. Carbaryl.
3128. Double cross technique for hybrid seed production was proposed by ?
Ans. D.F. Jones 1920.
3129. Sexual propagation is the propagation through ?
Ans. Seeds.

3130. Shalimar gardens is located in ?
Ans.Srinagar (JK).
3131. Shannon and Weaver (1949) proposed model of communication ?
Ans.Source Transmitter Signal Receiver Destination.
3132. Sheath blight in Rice is caused by ?
Ans.Rhizoctonia- fungus.
3133. In Maize, yellow color due to presence of ?
Ans.Cryptoxanthin.
3134. Shelling percentage in Groundnut ?
Ans.70 %.
3135. Shifting cultivation causes ?
Ans.Deforestation.
3136. Fruit type of wheat is ?
Ans.Caryopsis.
3137. DT-46 is a variety of ?
Ans.Triticale.
3138. Short duration varieties of pigeonpea ?
Ans.Pusa Ageti, T21, HY2, Pusa 84.
3139. Short range forecasting is meant for ?
Ans.1-2 days.
3140. Short range weather forecasting is applicable for ?
Ans.More than 10 Days.
3141. Short term loan is given for ?
Ans.1 to 1½ years.
3142. Shortest phase of mitosis ?
Ans.Anaphase.
3143. Silk protein is known as ?
Ans.Fibrolin & sericine.
3144. Shrinkage of protoplasm due to outward flow of water (exosmosis) in a concentrate solution. ?
Ans.Plasmolysis.
3145. Shrubs or trees planted at regular intervals on boundry for fencing ?
Ans.Hedges.
3146. Side veneer grafting is practiced in ?
Ans.Mango.
3147. Silkworm rearing is known as ?
Ans.Sericulture.
3148. Silty soils contain at least -----% of silt separates ?
Ans.80%.
3149. Silver revolution is related to ?
Ans.Egg production/Poultry.
3150. Silver shoot is a prominent symptom of -----attack in Rice ?
Ans.Gall Midge.
3151. Simple layering is practiced in ?
Ans.Rose/Jasmine.
3152. Sindhu (Mango) is a cross of ?
Ans.Ratna × Alphanso.
3153. Singapore, Mauritius and Giant Kew are the varieties of ?
Ans.Pineapple.
3154. Single cross technology of maize is given by ?
Ans.East and Shull (1910).
3155. Single gene dwarf varieties are ?
Ans.Sonalika, UP-262, WL-711, Girja.

3156. Single seed descent method is a method of ?
Ans. Method of Self pollination
3157. Single stranded DNA ?
Ans. Bacteriophage.
3158. Single super phosphate contains-----% Phosphorus ?
Ans. 18.
3159. Situation, Objectives, teaching, evaluation and reconsideration are the steps of ?
Ans. Extension education.
3160. Six rowed barley is ?
Ans. *Hordeum vulgare*.
3161. Size of silt particles ?
Ans. 0.002-0.05mm.
3162. Skeletonising the leave of brinjal is the symptom caused by ?
Ans. *Henosepilachna*, (*Epilachna* beetle).
3163. Boron is harmful to plants when concentration is ?
Ans. More than 3 ppm.
3164. Slowly released N fertilizers ?
Ans. Sulphur coated urea, Neem coated urea, Urea super granule.
3165. Stress hardening in plants can be achieved by ?
Ans. ABA.
3166. Small, unsegmented, soil inhabiting, plant parasitic worms are commonly referred to as ?
Ans. Nematode.
3167. Small cylindrical cases hanging on leaves is a symptom of-----attack ?
Ans. Rice case worm.
3168. Smut disease infect the plant at ?
Ans. Tillering stage.
3169. Sneha, Snigtha, Spanish Improved are varieties of ?
Ans. Groundnut.
3170. Soft rot is a fungal disease of ?
Ans. Ginger.
3171. Soft wood grafting is practiced in ?
Ans. Cashew.
3172. Soil auger is a tool used for ?
Ans. Soil sampling.
3173. Soil colour is determined by ?
Ans. Munsell Colour chart.
3174. Soil crusting reduces ?
Ans. Infiltration.
3175. Maximum permissible limits of biuret in urea is?
Ans. 1.5%.
3176. Soil moisture content is determined by ?
Ans. Tensiometer (at 0.85 bar).
3177. Fruit of mustard is known as ?
Ans. Siliqua.
3178. Soil separates having a size of less than 0.002 mm is referred to as ?
Ans. Clay.
3179. Soil separates having a size range of 0.002mm to 0.05mm is referred to as ?
Ans. Silt.
3180. Soil separates having a size range of 0.05mm to 2mm is referred to as ?
Ans. Sand.

3181. Soil structure & soil texture are two important properties of soil ?
Ans. Physical Properties.
3182. Soil structure proving less porosity in soil ?
Ans. Platy.
3183. Soil water is known as ?
Ans. Blue water.
3184. Soils contains equal proportions of -----, -----&-----?
Ans. Sand, Silt & Clay.
3185. Soils dominated by -----is known as light soil ?
Ans. Sand Saprates.
3186. Soils most retentive of moisture and cracks in dry season ?
Ans. Black soil.
3187. Soils which are loose and porous will have-----bulk density ?
Ans. Low.
3188. Solar heat treatment is used to control ?
Ans. Loose smut of wheat.
3189. Kaolin is a ----- type of antitranspirants. ?
Ans. Reflecting type.
3190. Solution of fertilizer specially applied at initial growth of plants in pulses and vegetable crops ?
Ans. Starter solution.
3191. Some insect female reproduce young ones directly is called ?
Ans. Vivipary.
3192. Soniya 17 & Emma White are famous varieties of ?
Ans. Orchids.
3193. Sooty or charcoal like powdery mass usually appearing on floral organs particularly the ovary is ?
Ans. Smut.
3194. Sorghum crop is also referred as ?
Ans. Camel crop.
3195. Sour sop is ?
Ans. Annona muricata.
3196. Source of breeder seed ?
Ans. Nucleus seed.
3197. South-West monsoon contribute-----% of total annual rainfall in India ?
Ans. 75.
3198. Soviet Chinchilla & 'New zealand white' are breeds of ?
Ans. Rabbit.
3199. Sowing depth of dwarf wheat is directly depend upon ?
Ans. Length of coleoptyle .
3200. Sowing of berseem crop is done by ?
Ans. Broadcasting.
3201. Sowing of paddy in April-May and harvesting in August-Sept. is called as ?
Ans. Aus/Autumn/Pre kharif paddy.
3202. Sowing of paddy in January-Feb and harvesting in April-May is called as ?
Ans. Boro/Summer/Spring.
3203. Sowing of paddy in June-July and harvesting in October is called as ?
Ans. Aman/Kharif/Aghani.
3204. Soybean contains-----% protein ?
Ans. 35-40%.

3205. Soybean crop designated as ?
Ans. "Boneless meat".
3206. Soybean is popularly known as ?
Ans. Wonder crop.
3207. Soybean protein is known as ?
Ans. Glycinin.
3208. Spacing for Nendran variety of Banana ?
Ans. 2m X 2m.
3209. Spacing maintained between hedge row intercropping in alley cropping ?
Ans. 4-8 meter.
3210. Spadix dry up and inflorescence get crinkled in coconut palm due to the infestation of ?
Ans. Pseudococcus, mealy bug.
3211. Speaker Speech Audience is a communication model proposed by ?
Ans. Aristotle.
3212. Special size (superior grade tubers) of potato should have ?
Ans. 8 cm diameter.
3213. Cereals are deficient in which amino acid ?
Ans. Lysine.
3214. Spencer Hatch is associated with ?
Ans. Marthandam project.
3215. Sphagnum moss is used as a-----in Nursery ?
Ans. Growing media.
3216. Sphere of Water or 70% of global is occupied by ?
Ans. Hydrosphere.
3217. Spice crop containing highest % of fat ?
Ans. Nutmeg.
3218. Spices Board Head Quarters is located at ?
Ans. Cochin.
3219. SPINDLE BUG is a major pest of ?
Ans. Arecanut.
3220. Spindle formation takes place during ?
Ans. Metaphase 1.
3221. Spindle leaf turns brown and breaks off in coconut due to ?
Ans. Bud Rot.
3222. Spindle shaped leaf spots with grey centre and brown margin are symptoms of ?
Ans. Rice Blast.
3223. Ammonium polyphosphate contains -----% N and -----% P₂O₅.
Ans. 15% N and 62 % P₂O₅.
3224. Splice grafting, Saddle grafting and Whip & Tongue grafting are practiced in ?
Ans. Apple/Pear.
3225. Splice' & 'Tongue' are methods of ?
Ans. Approach grafting.
3226. Spodoptera mauritia purpates in ?
Ans. Earthen chamber in soil.
3227. Spongy tissue is a problem associated with ?
Ans. Mango.
3228. Spongy tissue is due to ?
Ans. Convection heats.
3229. Spread of bacterial blight in Rice occurs through-----,-----&-----?
Ans. Wind, Irrigation & Water Rain.
3230. Spread of sheath blight disease in Rice is through ?
Ans. Irrigation water.

3231. Spreading/Verginia runner type groundnut is ?
Ans.Arachis hypogea procumbens.
3232. First Indian director of IARI was ?
Ans.Dr.B.Vishvanath.
3233. Sree Latha & Sree Kala are Varieties of ?
Ans.Lesser yam.
3234. Sree padma is a variety of ?
Ans.Elephant Foot Yam.
3235. Sree Prakash & Sree Sahya are varieties of ?
Ans.Tapioca.
3236. Sree Rashmi is an improved variety of ?
Ans.Colocasia.
3237. Sree Roopa & Sree Keerthi are Varieties of ?
Ans.Greater yam.
3238. Sree Subhra is a variety of ?
Ans.White yam.
3239. The plants growing in salt water are known as ?
Ans.Halophytes.
3240. Sriniketan experiment is associated with ?
Ans.Rabindranath Tagore.
3241. Stage is the crop destructive stage of Lepidopteran pests ?
Ans.Caterpillar.
3242. Stages are destructive to crops in case of Thrips ?
Ans.Adults & Nymphs.
3243. Stages of adoption are ?
Ans.Awareness > Interest > Evaluation > Trial > Adoption.
3244. Stale seed bed technique of weed control is a ?
Ans.Cultural method.
3245. Standard pit size for vermi composting is ?
Ans.2.5m×1m×0.3m.
3246. Star of India' is a variety of ?
Ans.French Marigold.
3247. Star weeder is used for ?
Ans.Weeding in dry lands and groundnut fields.
3248. State famous for sericulture ?
Ans.Karnataka.
3249. which day is celebrated as farmers day in kerela in Malayalam month ?
Ans.Chingam 1.
3250. State having highest forest area in India ?
Ans.M.P.
3251. Wheat varieties contain the gene ?
Ans.Rht 1 and Rht 2 .
3252. Stem bleeding in Coconut is caused by ?
Ans. Thielaviopsis paradoxa Fungus.
3253. Stem parasitic weed of lucerne is ?
Ans.Cuscuta reflexa (Doddar).
3254. Sterility mosaic and wilt resistant variety of pigeonpea ?
Ans.Amar, Narendra Arhar 1, Azad.
3255. Sticky bands around tree trunks provide protection against ?
Ans.Mango mealy bug.
3256. Stomata is found mainly on ?
Ans.Lower surface of leaves.

3257. Stomata that is present on only under surface of leaf. ?
Ans.Apple and Mulberry type.
3258. Stone grafting is otherwise known as ?
Ans.Epicotyl grafting.
3259. Stone grafting is practiced in ?
Ans.Cashew/Mango.
3260. Storage life of a grape fruit is ?
Ans.Above 10 weeks.
3261. Strain used for biological N₂ fixation in Alfa alfa is ?
Ans.Rhizobium meliloti.
3262. Strawberry plants live for ?
Ans.4-5 years.
3263. Striga is otherwise known as ?
Ans.Witch Weed.
3264. Strong solution having higher concentration ?
Ans.Hypertonic solution.
3265. Structural component of Vit B12?
Ans.Cu.
3266. Structural formula for urea is ?
Ans.NH₂-CO-NH₂.
3267. Structural proteins are ?
Ans.Collagen and Elastin.
3268. -----structure &-----texture are ideal for plant growth ?
Ans.Crumby & Loamy.
3269. Students t test is used when ?
Ans.Small samples size and SD is unknown.
3270. Students t test was proposed by ?
Ans.W.S. Gosset.
3271. Reclamation disease is due to deficiency of ?
Ans.Cu.
3272. Studies on weather in relation to crop growth comes under ?
Ans.Agricultural Meteorology.
3273. Study of algae is known as ?
Ans.Phycolgy.
3274. Study of field crops ?
Ans.Agronomy.
3275. Study of flowers is known as ?
Ans.Floriculture.
3276. Study of fossil plants ?
Ans.Paleobotany.
3277. Study of fruit crop ?
Ans.Pomology.
3278. Study of grasses ?
Ans.Agrostology.
3279. Study of insects ?
Ans.Entomology.
3280. Study of origin, classification, morphology of soil is known as ?
Ans.Pedology.
3281. Jhuming is a practice of rice cultivation in ?
Ans.Eastern part of India.
3282. Crop canopy temperature is measured by ?
Ans.Infrared thermometer.
3283. Stylet is associated with ?
Ans.Nematode.

3284. Sub- Humid regions normally receives a rainfall range of ?
Ans.750-1000 mm.
3285. Sub- Watersheds has an area of ?
Ans.10,000 to 50,000 Hectare.
3286. Subabul is otherwise known as ?
Ans.Leucaena/ipil-ipil.
3287. Subsoiling is a type of ?
Ans.Primary tillage.
3288. Succulence and lodging in plants is due to excessive use of ?
Ans.Nitrogen.
3289. Such crops are neither complementary nor competitive ?
Ans.Supplementary Crops
3290. Such crops are grown to conserve the soil moisture through their ground covering foliage ?
Ans.Mulch Crops.
3291. Such crops have different growth habits and zero competition to each other. ?
Ans.Parallel cropping.
3292. Such weeds, that are grown in cultivated field ?
Ans.Obligate weeds.
3293. Sucking mouth parts adults of Moths & Butterflies are known as ?
Ans.Proboscis.
3294. Sudden heritable change in any characteristics of an organism ?
Ans.Mutation.
3295. Biofertilizer used in wheat is ?
Ans.Azotobactor.
3296. Sufficient supply of is essential for the biological processes occur in soil ?
Ans.O₂.
3297. Sugar bowl ?
Ans.Cuba.
3298. Sugar presents in milk ?
Ans.Lactose.
3299. Sugar yield from sugarcane is ?
Ans.10-15%from juice.
3300. Biofertilizer used in sorghum and grasses is ?
Ans.Azospirillum.
3301. Sugarcane Breeding Station was established in 1912 at ?
Ans.Coimbatore Tamil Nadu.
3302. Sugarcane is considered as mature, when Brix reading is between ?
Ans.18-20%.
3303. Sugarcane, Cotton and Brassica are ?
Ans.Autopolyploids.
3304. Sum of deviation value of items from the A.M. is ?
Ans.0.
3305. SUMITHION is the trade name of ?
Ans.Fenitrihion.
3306. Summer squash and winter squash are varieties of ?
Ans.Ashgourd.
3307. Sun heat treatment is an example of method of insect pest control ?
Ans.Physical.
3308. Sun will be on the equator on ?
Ans.March 21st.& 23rd September

3309. Sunflower has high quality edible oil content of ?
Ans.45-50%.
3310. Sunflower is also known as ?
Ans.Non-conventional oilseed crop.
3311. Sunhemp is a crop ?
Ans.Green manure.
3312. Biofertilizer more suited for sugarcane is ?
Ans.Azatobacter.
3313. Which micro nutrient deficient in Indian soils ?
Ans.Zn.
3314. Super rice variety is ?
Ans.Lunishree (CRRI,Cuttak).
3315. Superiority of F1 hybrids over both of its parents is termed as ?
Ans.Heterosis.
3316. Supernatant liquid of cow dung slurry is applied in Rice fields to control disease ?
Ans.Bacterial Blight.
3317. Diara cultivation method is followed in ?
Ans.Cucurbits.
3318. Swajaldhara is drinking water project ?
Ans. 25 december 2002.
3319. Sweating is practiced as part of processing of ?
AnsVanilla beans.
3320. Sweet sorghum varieties ?
Ans.RSSV 46, 53, 59, 84, 96, NSS 216.
3321. Sweetest sugar among all ?
Ans.Fructose.
3322. Sweetest variety of mango ?
Ans.Chousa.
3323. SWOLLEN SHOOT is a virus disease affecting crop ?
Ans.Cocoa.
3324. Symbiotic association between a fungus and roots of plants is called ?
Ans.Mycorrhiza.
3325. Yellowing of tea leaves may be due to the deficiency of ?
Ans.Sulpher.
3326. Symptoms of bacterial blight in seedling stage is known as ?
Ans.Kresek.
3327. Symptoms such as young seedlings getting killed before they emerge through the Soil surface is due to ?
Ans.Pre emergence damping off.
3328. Synergetic cropping means ?
Ans.When yield of both the crops are higher than their pure crops on unit area e.g. Sugarcane + Potato.
3329. Synthetic pyrethroids were developed in the year ?
Ans.1973.
3330. Synthetic variety is maintained by ?
Ans.Self pollination.
3331. "T" budding is other wise known as ?
Ans.Shield budding.
3332. T' budding is practiced in ?
Ans.Rose/Citrus.
3333. Taccavi loans means ?
Ans.Loans given by Government agencies.

3334. Tachinid parasite of Opisina ?
Ans. Spoggosia.
3335. Tall lanky tillers and aerial adventitious roots are produced disease in Rice ?
Ans. Foot rot.
3336. Tape-recorder, Radio and Telephone are ?
Ans. Audio Aids.
3337. Turpentine oil prepared from ?
Ans. Pine tree.
3338. Taungya system means ?
Ans. Hill cultivation.
3339. Tea Mosquito bug is a major pest of ?
Ans. Cashew.
3340. Dieback in Cashew is caused by ?
Ans. Fungus (*Lasiodiplodia theobromae*).
3341. Technical form of insecticide has purity ?
Ans. 80-96%.
3342. Technology Mission on Pulses and Oilseeds (TEMPO) was started in ?
Ans. 1986.
3343. Television is a type of ?
Ans. Projected Audio Visual Aid.
3344. Seed rate of sorghum is ?
Ans. 9-12 kg/ha.
3345. Fertilizer application through irrigation is known as ?
Ans. Fertigation.
3346. Temperature required for bolting in onion is ?
Ans. < 15°C.
3347. "Tenera" is a hybrid between -----&-----?
Ans. Dura & Pisifera.
3348. Tenera is a hybrid variety of ?
Ans. Oil palm.
3349. Tensiometer is used ?
Ans. Measuring soil moisture.
3350. Term 'Heterosis' was given by ?
Ans. Shull.
3351. Terminal shoots of brinjal seen withered- indicates the infestation by ?
Ans. Leucinodes orbonalis, (Brinjal fruit & shoot borer).
3352. Terminator Seed Technology was developed by ?
Ans. Delta & Pine Land Company, USA which was later acquired by Monsanto.
3353. Terminator technology is recently used in ?
Ans. Cotton.
3354. Termites belong to order ?
Ans. Isoptera/ Blattodea.
3355. Tetrasaccharides contain ?
Ans. Stachyose.
3356. Tetrasomic ?
Ans. $2n+2$.
3357. Tetrastychus is a potential egg parasite in rice field infesting ?
Ans. Stem borers and leaf folders.
3358. Example of C3 weed is ?
Ans. Bathua (*Lamsquarter*).
3359. Thai Sac Brood Virus (TSBV) causes disease in ?
Ans. Honeybee.
3360. Tharparkar is a-----breed of cattle ?
Ans. Dual purpose

3361. The % of pure seed prescribed as per minimum seed certification standards (1971) for truthfully labeled paddy seed ?
Ans.97%.
3362. The 'C' horizon of soil represents ?
Ans.Parental material.
3363. The 'father of modern genetics' ?
Ans.Gregor John Mendal.
3364. The 'filler tree technology' is associated with ?
Ans.Quincunx System.
3365. The 'retreating monsoon' is also known as ?
Ans.North East Monsoon.
3366. The 1st function performed in the marketing of agricultural commodities ?
Ans.Packing
3367. The 3 basic principles of field experimentation ?
Ans.Replication, Randomization and Local control.
3368. The 3 Rs of credit are ?
Ans>Returns, Repayment capacity and Risk bearing ability.
3369. The ability of a seed to germinate is called ?
Ans.Seed viability.
3370. The ability of seed to growth is known as ?
Ans.Vigour.
3371. The absorption of solar spectrum by leaves is very high in ?
Ans.Red & Blue bands.
3372. The accepted theory of Mendal was ?
Ans.Law of Segregation.
3373. The act of identifying and removing undesired plants from agricultural fields is known as ?
Ans.Roguing.
3374. The adults are spiny and black infesting the upper surface of brinjal leaves- young ones infest undersurface ?
Ans.Urentius, (Lace bug).
3375. Agronomic measures are used to reduced erosion where slope is ?
Ans.less than 2 %..
3376. The air borne disease of rice ?
Ans.Rice Blast (Pyricularia oryzae).
3377. The alternate crops recommended to sow under late onset of monsoon ?
Ans.Castor, Greengram, Cowpea, Sunflower etc.
3378. The amount of soil moisture or water content held in soil after excess water has drained away is called ?
Ans.Field capacity (FC).
3379. Bench terracing is usually a practiced on slopes ranging from ?
Ans.16-33%.
3380. The annual groundwater resource of India is M ha m ?
Ans.50.
3381. The apparent diameter of the water molecule is mm ?
Ans.0.25.
3382. The highest award presented to an agricultural scientist in the country ?
Ans.Rafi ahmad kidwai award.

3383. The application of the same fertilizer more than once to a crop is known as ?
Ans. Split application.
3384. The area of land represented by one soil profile is ?
Ans. Pedon.
3385. The area under forest land in India ?
Ans. 67 mha (20.36%)
3386. The areas receiving average annual rain fall > 1150 mm are categories as ?
Ans. Rainfed Farming.
3387. The arrangement of colourful potted plants in different tiers around a central object which may be tree trunk, lamp post or pillar. ?
Ans. Trophy.
3388. The variety of wheat which is resistant to all the three rusts is ?
Ans. Choti Lerma.
3389. The arrangement of soil particles into groups or aggregates ?
Ans. Soil Structure.
3390. Cultivation of two and more than two crops of different heights simultaneously on a certain piece of land in a certain period is called ?
Ans. Multistoried cropping.
3391. The artificial application of water to supply moisture essential to plant growth is termed as ?
Ans. Irrigation.
3392. The Book of weed management is written by ?
Ans. T.K. DAS.
3393. Tip burn of paddy is due to ?
Ans. Reduced O₂ and N₂ under submerged condition.
3394. The atmospheric wind velocity is measured by using ?
Ans. Anemometer Robinsons cup anemometer.
3395. The attack of which insect pest can be recognized by unpleasant odour from paddy field ?
Ans. 'Gundhi bug' - Rice bug.
3396. The attraction of solid surface for water molecules is called as ?
Ans. Adhesion.
3397. The author of the book 'THE SILENT SPRING' is ?
Ans. Rachel Carson.
3398. The author of the book "Irrigation Principles and Practices" is ?
Ans. Israelson.
3399. The authors of the book "Manual on Irrigation Agronomy" are ?
Ans. Misra & Ahmed.
3400. The average of the sum of squares of the deviation about mean ?
Ans. Variance.
3401. The average value for a character of the two parents of the concerned hybrid. ?
Ans. Mid parent/Average Heterosis.
3402. The average wt. of Very fine fibre ?
Ans. < 3.00 mg.
3403. The average yield of chickpea in irrigated condition in India ?
Ans. 12-15 qt/ha.
3404. The average yield of mung in India ?
Ans. 12-15 qt/ha.

3405. The average yield of safflower in India ?
Ans.18-20 qt/ha.
3406. The average yield of soybean in India ?
Ans.20-25 qt/ha.
3407. The average yield of sunflower in India ?
Ans.20-30 qt/ha.
3408. The average yield of Urd in India ?
Ans.10-12 qt/ha.
3409. The banana is commonly known as ?
Ans.Adam's fig and Tree of paradise.
3410. The bank who credits to marginal, small and Agricultural labours ?
Ans.RRB (1975).
3411. The base of the food chain in the ocean is the ?
Ans.Phytoplankton.
3412. The basic principle of Demonstration ?
Ans.Learning by seeing and doing.
3413. The basic principle of extension education is ?
Ans.Help to those who helps themselves.
3414. Red and purple color of maize leaves is due to the deficiency of ?
Ans.Phosphorus.
3415. The size of Thomson seedless grape is increased by the application of hormone ?
Ans.GA3.
3416. The basic unit of civilization ?
Ans.Family .
3417. The basic unit of rural society ?
Ans.Village.
3418. The basis of Cobb - Douglas Production function is ?
Ans.Constant elasticity of substitution.
3419. The basis of farm budgeting is ?
Ans.Cost benefit analysis.
3420. The best agricultural soil structure is ?
Ans.Crumby/Spheroidal.
3421. The best agricultural texture is ?
Ans.Loam.
3422. The best combiner variety of tomato ?
Ans.Pusa Rubi.
3423. The best fertilizer for top dressing in rice ?
Ans.Ammonium sulphate.
3424. The best measure of Dispersion is ?
Ans.Standard Deviation (SD).
3425. The best measures of central tendency ?
Ans.Arithmetic Mean (AM).
3426. The best media to communicate with farmers and for village people ?
Ans.Puppets.
3427. The best planting material for pineapple is ?
Ans.Suckers.
3428. The best soil for cultivation of cotton ?
Ans.Black cotton soil.
3429. Vernalization term given by ?
Ans.Lysenko.
3430. The best suited variety of tomato for drought condition ?
Ans.Arka Vikas.
3431. The best system of rice culture is ?
Ans.Transplanting.

3432. The Blast resistance varieties of rice is ?
Ans. Tulsi, IR64.
3433. The botanical name and family of linseed is ?
Ans. *Linum usitatissimum*, Linaceae.
3434. The botanical name and family of paddy ?
Ans. *Oryza sativa*, Poaceae.
3435. The botanical name and family of wheat ?
Ans. *Triticum spp.*, Poaceae.
3436. The botanical name of acid lime ?
Ans. *Citrus aurantifolia*.
3437. The botanical name of berseem is ?
Ans. *Trifolium alexandrinum*.
3438. The botanical name of Brown/Indian mustard ?
Ans. *Brassica juncea*.
3439. The botanical name of cauliflower ?
Ans. *Brassica oleracea*. var *botrytis*.
3440. The botanical name of chilly ?
Ans. *Capsicum annum*.
3441. The botanical name of guava ?
Ans. *Psidium guajava*.
3442. The botanical name of hollyhock ?
Ans. *Althea rosea*.
3443. The botanical name of lucerne is ?
Ans. *Medicago sativa*.
3444. The botanical name of maize is ?
Ans. *Zea mays*.
3445. The botanical name of mango ?
Ans. *Mangifera indica*.
3446. The botanical name of oat crop is ?
Ans. *Avena sativa* .
3447. The botanical name of pomegranate ?
Ans. *Punica granatum*.
3448. The botanical name of potato is ?
Ans. *Solanum tuberosum*.
3449. The botanical name of safflower ?
Ans. *Carthamus tinctorius*.
3450. The botanical name of sarson is ?
Ans. *Brassica campestris* .
3451. The botanical name of soybean is ?
Ans. *Glycine max*.
3452. The botanical name of sunflower ?
Ans. *Helianthus annuus*.
3453. The botanical name of Sweet Orange ?
Ans. *Citrus sinensis*.
3454. The botanical name of tobacco is ?
Ans. *Nicotiana tabacum*.
3455. The botanical name of tropical cane ?
Ans. *Saccharum officinarum* ?
3456. The botanical name of white jute.
Ans. *Corchorus capsularis*.
3457. The branch of science in which, the collection and interpretation of information about a target without being in physical contact with it ?
Ans. Remote Sensing.
3458. The bred wheat is ?
Ans. *T. aestivum*(2n= 42).
3459. Photoperiodism concept was given by ?
Ans. Gardener & Allard 1920.

3460. The brown spot of rice is ?

Ans. Externally seed borne disease.

3461. The C : N ratio of the soil are fairly constant between ?

Ans. 10 : 1 to 12 : 1.

3462. The C/N ratio in the organic matter of furrow slice (upper 15 cm) of arable soils commonly ranges from ?

Ans. 8:1 to 15:1.

3463. The C3 Plants are.

Ans. Rice, Wheat, Barley, Pea, Gram, Mustard and Rye, Cotton, Arhar, Soybean, Sunflower, Lentil, Sugarbeet, Tomato etc.

3464. The C4 Plants are.

Ans. Maize, Sorghum, Bajra, Sugarcane, Millets.

3465. The CAM Plants are.

Ans. Pineapple, khajur, cactus, sisal.

3466. The capacity of the soil to change its shape under moist conditions ?

Ans. Soil Plasticity.

3467. The capacity of the soil to produce plants under a specified programme of management and it is expressed in terms of yields ?

Ans. Soil Productivity.

3468. The Carbon dioxide content in soil air usually increases and the Oxygen content decreases with.

Ans. Soil depth.

3469. Leaf area index was given by ?

Ans. Watson (1947).

3470. The causal organism of Anthracnose/Pod blight of soybean ?

Ans. Colletotrichum truncatum.

3471. The causal organism of Black/stem rust of wheat?

Ans. Puccinia gramini triticii.

3472. The causal organism of brown spot of rice ?

Ans. Helminthosporium oryzae.

3473. The causal organism of Brown/orange/leaf rust of wheat ?

Ans. Puccinia recondita.

3474. The causal organism of collar rot disease of wheat?

Ans. Aspergillus niger.

3475. The causal organism of covered smut of barley ?

Ans. Ustilago hordei.

3476. The causal organism of Grain Smut of sorghum ?

Ans. Sphacelotheca sorghi.

3477. The causal organism of Head Smut of sorghum ?

Ans. Sphacelotheca relliana.

3478. The causal organism of Phyllody disease of sesame ?

Ans. MLO.

3479. The causal organism of sugarcane smut ?

Ans. Ustilago citamini.

3480. The causal organism of Yellow/strip rust ?

Ans. Puccinia striiformis.

3481. The cause of most of the gaseous interchange in soil ?

Ans. Diffusion.

3482. The cause of pungency in chilli ?

Ans. Capsicin.

3483. The cells without cell wall ?

Ans. Protoplasts.

3484. The Central Directorate of Plant Protection and Quarantine was established in the year ?

Ans. 1946.

3485. The central whorl of rice is infested by larva and the leaves shrivel with longitudinal blotches along the margin due to attack of ?

Ans. Hydrellia, Rice Whorl Maggot.

3486. The chairman of National Development Council (NDC) is ?

Ans. Prime Minister.

3487. The change in cost associated with an increase of one unit of output.?

Ans. Marginal cost (MC).

3488. The characteristics of the type of environment where an organism normally lives ?

Ans. Habitat.

3489. The chemical (N-4 (P-Cloro-phenoxy)-phenyl-N- N dimethy urea is commonly known as ?

Ans. Tenoron.

3490. The chemical accumulated during drought condition ?

Ans. Proline.

3491. The chemical used for better colour and keeping quality of papain ?

Ans. Potassium meta-bi-sulphite (KMS).

3492. The chemical used for delinting of cotton ?

Ans. H₂SO₄.

3493. The chemical used for fruit setting ?

Ans. Triacontanol.

3494. The chemical used for inducing flowering in pineapple ?

Ans. Ethrel and NAA.

3495. The chemicals most commonly found in acid precipitation are ?

Ans. Sulphuric acid and nitric acid.

3496. The chemicals used for sett treatment of sugarcane ?

Ans. Agallal and Areton.

3497. The chemicals used to check transpiration losses of water ?

Ans. Antitranspirants.

3498. The chief excretory organ in insects is ?

Ans. Malpighian tubules.

3499. The chief green house gases are ?

Ans. CO₂ and CH₄.

3500. The chromosome number of paddy ?

Ans. 2n = 24.

3501. Growth retardants is ?

Ans. Cycocel (CCC).

3502. The class of seed which is not subjected to seed certification ?

Ans. Breeder seed.

3503. The coldest region of the atmosphere ?

Ans. Mesosphere.

3504. The colour of chlorophyll a ?

Ans. Blue green.

3505. The colour of chlorophyll b ?

Ans. Yellow green.

3506. The commercial propagation method of Phalsa ?

Ans. Seed.

3507. State having highest area under summer maize is ?
Ans. Bihar.
3508. Indian Journal of Agriculture Sciences is published by ?
Ans. ICAR.
3509. The commercial propagation method of papaya ?
Ans. Seed (500 g/ha).
3510. The commercial propagation method of pineapple ?
Ans. Suckers and slips.
3511. The commercially cultivated variety of ber ?
Ans. Umran.
3512. The Commission for Agricultural Costs and Prices (CACP) recommends the minimum Support Prices for ?
Ans. 24 important crops.
3513. The common cover crops recommended for Rubber cultivation are ?
Ans. Pueraria phaseoloides & Mucuna bracteata.
3514. Apical bud dominance is caused by due to ?
Ans. Auxin Hormone.
3515. The common varieties of brown sarson are ?
Ans. JSF-1,2,5, JSI-7, EB-7, JSH-129, Pusa kalyani, Suffla, BSH-1.
3516. The common varieties of bunch type groundnut ?
Ans. Jyoti, Kishan, TMV-11, 12, AK-12, 24, Junagarh-11, ICGS-1, 10, 11, 44.
3517. The common varieties of Field pea ?
Ans. Rachana, Arpana, Ambika, T-65, 163, Hans, KP-885, Pant C-5.
3518. The common varieties of Spreading type groundnut ?
Ans. Chandra, Type-28, 64, TMV-1, 3, M-13, 37, Vikram, Verginia, Gangapuri, Godheri-2, 3.
3519. The component of water potential which determine by the attraction between water and hydrating colloids.?
Ans. Matric potential.
3520. The composition of soil air may vary with ?
Ans. Organic matter content.
3521. The concentration of both Oxygen and Carbon dioxide are directly related to ?
Ans. Soil organic matter.
3522. The concentration of salt sufficient to preserve most of the food products ?
Ans. 15-25%.
3523. A thermal process mostly used for vegetables prior to freezing, drying, or canning in order to soften the texture. ?
Ans. Blanching.
3524. The concentration of soil water in soil ?
Ans. 50%.
3525. The concentration of sugar required for preservation of fruits and jam ?
Ans. 66%.
3526. The concept 'Osmosis' is given by ?
Ans. Abbe Nollet.
3527. The concept of demonstration was given by ?
Ans. Dr. Seeman A. Knapp.
3528. The concept of pH scale was formulated by ?
Ans. Sorenson.

3529. The concept of Potential evapo-transpiration was first introduced by ?
Ans.Thornthwaite (1948).
3530. The concept of Totipotency was originally presented by in ?
Ans.1902 (Gottlieb Haberlandt).
3531. Parshall flame is used for measurement of ?
Ans.Water flow.
3532. The contingent crop plan suggested when long gap in rainfall ?
Ans.Providing life saving irrigation only at critical growth stages.
3533. The contribution of central govt. in the capital share of Regional Rural Bank ?
Ans.50%.
3534. The cooperative farming in which Ownership and operations both Individual ?
Ans.Cooperative better farming.
3535. The cooperative farming in which Ownership is individual and operations is collectively.?
Ans.Cooperative joint farming.
3536. The co-operative year is from ?
Ans.July-June.
3537. The cost related to the variable resources and change with the output ?
Ans.Variable Costs.
3538. The practice of grazing of animals on public lands is called as ?
Ans.Ranching.
3539. The cotton aphid (*Aphis gossypii*) is predated by ?
Ans.Menochilus sexmaculatus.
3540. The country producing largest quantity of small cardamom ?
Ans.Guatemala.
3541. The pattern of planting which has maximum plant population ?
Ans.Cubodial pattern.
3542. The CPE value for scheduling irrigation at IW/CPE of 0.5 with 5 cm irrigation water is ?
Ans.10.
3543. The critical mean temperature for flowering and fertilization in rice ?
Ans.16-20°C.
3544. The critical stages for irrigation in Rapseed and mustard are ?
Ans.Rosette stage and Siliqua formation stage.
3545. The crop grown on degraded land for improvement is called ?
Ans.Conservation crop.
3546. The crop growth model tested in India to simulate rice yields ?
Ans.Ceres Rice.
3547. The crop oilcake, which has highest nitrification rate ?
Ans.Groundnut.
3548. Crop rotation intensity are ?
Ans.C.R.I. = No. of crops in crop rotation x 100 No. of years in crop rotation.
3549. The crop which gives the highest oil production per unit area is ?
Ans.Oil Palm.
3550. The cropping system beneficial to prevent soil erosion due to winds is ?
Ans.Strip cropping.

3551. The cropping pattern used on a farm and its interactions with farm resources, other farm enterprises and available technology which determine their makeup is called as ?
Ans. Cropping system.
3552. The crops leave the field exhaustive after growing ?
Ans. Exhaustive Crops.
3553. The crops prefer acidic soil ?
Ans. Rice, tea and potato.
3554. The crops which the farmers grow for earning money and trade are called ?
Ans. Commercial crop.
3555. The cultivated banana is a ?
Ans. Autotriploid.
3556. The cultivated spp. of paddy ?
Ans. *O. sativa* and *O. glaberima*.
3557. When LER is more than 1 than intercropping is ?
Ans. Beneficial.
3558. The curve have $b_2 = 3$ or $Y_2 = 0$ is ?
Ans. Mesokurtic curve.
3559. The curve have $\beta_2 > 3$ or $Y_2 > 0$ is ?
Ans. Leptokurtic curve.
3560. The damaging stage of cutworm is ?
Ans. Caterpillar.
3561. The damaging stage of pink ball worm ?
Ans. Caterpillar.
3562. The deep water rice are ?
Ans. Punkaj, Jagannath.
3563. The degree of freedom of Normal distribution ?
Ans. n-3.
3564. The degree of scatterness or variation of the variable about a central tendency ?
Ans. Dispersion.
3565. The demand of this bio-fertiliser is highest ?
Ans. Azospirillum.
3566. The demonstration used to improve skill, knowledge and attitude ?
Ans. Result demonstration.
3567. The density of soil water is maximum at ?
Ans. 4°C.
3568. The depth of water (cm) to be drained in 24 hours period from the entire drainage area. ?
Ans. Drainage coefficient.
3569. The design in which fertility gradient is in two way direction ?
Ans. Latin Square Design (LSD).
3570. The detrimental effect of one of higher plants on other higher plants is known as ?
Ans. Allelopathy.
3571. The development stage of a plant after which no further increase in dry matter occurs in the economic part is known as ?
Ans. Physiological maturity.
3572. The die-back disease in citrus is due to the deficiency of ?
Ans. Copper.
3573. The difference between highest and lowest value of the series ?
Ans. Range.
3574. The difference between value in use and value in exchange ?
Ans. Consumer surplus.

3575. The diffusion of solvent particles into a living cell ?
Ans.Endosmosis.
3576. The direction of trade winds in Northern hemisphere ?
Ans.North East.
3577. The direction of trade winds in Southern hemisphere ?
Ans.South East.
3578. Coefficient of effectiveness is ?
Ans.C.E.=Sink/Source x 100.
3579. The distribution in which Mean = Variance ?
Ans.Poisson distribution.
3580. The distribution in which Mean > Variance ?
Ans.Bionomial distribution.
3581. The district level extension programme launched in independent India was in ?
Ans.Etawah.
3582. The dormancy due to hard seed coat or impermeable seed coats ?
Ans.Scarification.
3583. The dormancy due to low temperature and moisture conditions ?
Ans.Stratification.
3584. The double helix model of DNA proposed by ?
Ans.Watson and Crick (1953).
3585. The early maturing variety of gram is ?
Ans.Chaff chaff, JG-62.
3586. The earth contains a thin region known as the biosphere, in which life exists. The three parts of the biosphere are ?
Ans.Atmosphere, hydrosphere and lithosphere.
3587. The ecological factors, related to soil and substratum, are called ?
Ans.Edaphic Factor.
3588. The economic concerned with individual unit i.e., single industry, form or single consumer. ?
Ans.Micro economics.
3589. The economic deal with the whole economic setup i.e. total production, total expenditure, total income etc. ?
Ans.Macro economics.
3590. The ecosystem component, feed on producer or consumers ?
Ans.Heterotrophs.
3591. The ecosystem component, which break down dead organic matter and wastes?
Ans.Decomposers.
3592. The effective flow velocity at unit hydraulic gradient is called ?
Ans.Hydraulic conductivity.
3593. The electrically charged layer of the atmosphere ?
Ans. Ionosphere.
3594. The element which takes part in the growth and development of plants ?
Ans.Plant nutrients.
3595. The eluviation horizon is ?
Ans.'E or A2' horizon.
3596. The emergence and development of seedlings from the seed-embryo under favourable condition ?
Ans.Germination.

3597. The end product of decomposition of organic matter ?
Ans.Humus.
3598. The environment which has been modified by human activities is called ?
Ans.Anthropogenic environment.
3599. The environment which includes producers, consumers and decomposers?
Ans.Biotic environment.
3600. The enzyme contains in pineapple fruit ?
Ans.Bromelaine.
3601. The enzyme involved in biological nitrogen fixation ?
Ans.Nitrogenase.
3602. The error degree of freedom in CRD is formulated as ?
Ans.N - t.
3603. The error degree of freedom of LSD is formulated as ?
Ans.(t-2) (t-1).
3604. The error degree of freedom of RBD is formulated as
Ans.(t-1) (r-1).
3605. The error degree of freedom of SPD is formulated as ?
Ans.D (r-1) (d-1).
3606. The error in which hypothesis is true but our test rejects it. ?
Ans.Type I error.
3607. The purpose of randomization in field experiment is ?
Ans.To control variance.
3608. The essential component of nucleic acid and protein is ?
Ans.N.
3609. The essential element required by the N fixing bacterium Rhizobium ?
Ans.Mo.
3610. The example of 2 : 1 type silicate clay minerals are ?
Ans.Montmorillonite, Vermiculite and Illite.
3611. Goodness of test used for distribution of ?
Ans.Chi square test.
3612. The example of parallel cropping is ?
Ans.Urd/Moong + Maize.
3613. The example of POST herbicides are ?
Ans.2, 4-D, Diquat, Paraquat, Isoproturon, Fenoxaprop-ethyl, Sulfosulfuron, Chlorimuron- ethyl etc.
3614. The example of PPI herbicides are ?
Ans.Fluchloralin, Alachlor, Trifluralin etc.
3615. The example of PRE herbicides are ?
Ans.Simazine, Atrazin, Alachlor, Butachlor, Nitrofen, Pendimethalin etc.
3616. Probability of impossible event is always -----?
Ans.Zero.
3617. The experimental design which provides maximum degree of freedom for error ?
Ans.CRD.
3618. The Extension Education process ?
Ans.Two way.
3619. The extension work must be based on ?
Ans.The needs and interest of the people.

3620. The extreme form of minimum tillage is called ?
Ans.Zero tillage.
3621. The factor requires larger units to be applied and may produce larger differences ?
Ans.Main plot.
3622. The farm accounting/accountancy is also called as ?
Ans.Farm Book keeping.
3623. The farmer who accepts new practices very last with in his social system is known as
Ans.Laggard.
3624. The farming having 50% income by single enterprise ?
Ans.Specialized farming.
3625. The farming in which investment of land and capital is done by big businessperson or capitalist ?
Ans.Capitalistic farming.
3626. The farming which has < 50% income by single enterprise ?
Ans.Diversified farming.
3627. The father of extension education ?
Ans.J.P. Leagans.
3628. The father of Extension Education in India ?
Ans.K.N. Singh.
3629. The father of method demonstration ?
Ans.Dr. Seeman A. Knapp.
3630. The father of rose breeding ?
Ans.Dr. B.P.Pal.
3631. The father of rural sociology ?
Ans.August Comte.
3632. Latin square design suitable for comparing ?
Ans.5 to 12 treatments .
3633. The fertile female in a bee colony is known as ?
Ans.The Queen.
3634. The fertilizer which destroys soil aggregates ?.
Ans.Sodium nitrate.
3635. The fertilizer which supplies 3 essential plant nutrients ?
Ans.SSP.
3636. The field rat species living in burrows which has a tail longer than body and provided with a terminal tuft of long hairs ?
Ans.Antelope rat – Tatera indica.
3637. The fine earth covering land surface acts as a reservoir of nutrients and water ?
Ans.Soil.
3638. The first biological process that begins in a seed soon after in imbibes water ?
Ans.Respiration.
3639. The first biotech plant is ?
Ans.Tobacco.
3640. The first governor of RBI was the British banker ?
Ans.Osborne Smith 1 April 1935 to 30 june 1937 .
3641. The Five Year Plan started in the Year ?
Ans.1951-1956.
3642. The flow of excess water from the field after saturation of soil. ?
Ans.Runoff.
3643. The flower colour of Chrysanthemum ?
Ans.Yellow and white.

3644. The flowering portion of wheat ?
Ans.Head/Ear/Spike.
3645. which growth hormone helps in fruit set ?
Ans.Naphthalene Acetic Acid.
3646. The main greenhouse gases are ?
Ans.Methane/CFC/CO₂.
3647. The following is a larval disease of honey bee ?
Ans.Thai Sac Brood.
3648. -----is not used as a preservative for fruits ?
Ans.Alcohol.
3649. The form of DNA present in living organisms ?
Ans.B-form.
3650. The form of sugar present in honey is ?
Ans.Fructose.
3651. The formulae of monosaccharide ?
Ans.C₆H₁₂O₆.
3652. The foul smell of kernel bunt infected field is due to ?
Ans.Trimethyl-amine.
3653. The founder of co-operative movement ?
Ans.Robert Owen.
3654. The RBD is available for a wide range of treatments ?
Ans.2to 24.
3655. The fruit beverage commonly prepared from Mango, Papaya, Bel, Aonla ?
Ans.Nectar.
3656. The correlation coefficient lies between ?
Ans.-1 to +1.
3657. The fruit of rose is known as ?
Ans.Hips.
3658. The fruiting time of Mrig bahar ?
Ans.Nov-January.
3659. The fruiting time of papaya ?
Ans.Feb-June.
3660. The full form of LEISA is ?
Ans.Low External Input Sustainable Agriculture.
3661. The design where number of replication is equal to number of treatments ?
Ans.Latin Square Design (LSD).
3662. The fundamental objective of extension education is.?
Ans.Development of the people.
3663. The fungus Nematospora, that causes staining on the lint of cotton is introduced by the insect pest ?
Ans.Dysdercus spp (Red cotton bug).
3664. The Gall midge resistance varieties of rice is ?
Ans.Phalguna, Surekha, Suraksha.
3665. The gas responsible for ozone depletion ?
Ans.CF₂Cl₂ (Chloro fluoro carbon)
3666. The gene responsible for dwarfness in rice is ?
Ans.Dee-gee-woo-gene.
3667. The GM crop which was recently at the centre of a controversy in India ?
Ans.Bt Brinjal.
3668. The good physical condition of soil after tillage is ?
Ans.Tilth.

3669. The grasshoppers blood is ?
Ans.Colourless.
3670. The green carpet for the landscape maintained by growing and mowing grasses. ?
Ans.Lawn.
3671. The population test is used when the sample size is large ?
Ans.Z-test..
3672. The green manure crop having both stem and root nodulation.
Ans.Sesbania rostrata.
3673. The Green Revolution in India was initiated in ?
Ans.1966-67.
3674. The grinding of food in grasshopper is done by ?
Ans.Gizzard.
3675. The group of organisms which convert light into food are called ?
Ans.Autotrophs.
3676. The growing of more than one crop on the same land in one year is termed as ?
Ans.Multiple cropping.
3677. The growth habit of Chrysanthemum ?
Ans.Perennial.
3678. The growth rate of plants is measured by ?
Ans.Auxanometer and Crescograph.
3679. The head of sunflower is called as ?
Ans.Capitulai.
3680. The headquarters of Asian Development Bank (ADB) is at ?
Ans.Manila.
3681. The headquarters of Indian Meteorological Department is located at ?
Ans.Pune MH.
3682. The herbicides applied 1 day before sowing/ planting or just are comes under ?
Ans.Pre-plant incorporated (PPI) herbicides.
3683. The herbicides applied 1-4 days after sowing are comes under ?
Ans.Pre-emergence herbicides.
3684. The herbicides applied 30-40 DAS are comes under ?
Ans.Post-emergence herbicides.
3685. The Heterotrophs, feed on both plants and meats ?
Ans.Omnivores.
3686. The Heterotrophs, feed on meats and called secondary consumers ?
Ans.Carnivores.
3687. The Heterotrophs, feed on plants and called primary consumers ?
Ans.Herbivores.
3688. The high boiling point and high heat of vaporization of water are due to ?
Ans.Hydrogen bonding.
3689. The highest Banana producing state of India is ?
Ans.Tamilnadu.
3690. The highest Brinjal and cabbage producing state of India is ?
Ans.WB.
3691. In student t-test given by-----and sample size is-----?
Ans.WS Gosset1905 and sample size <30.

3692. The highest cereals producing state of India is ?
Ans.MH.
3693. The highest grapes producing state of India is ?
Ans.MH.
3694. The highest grown wheat species in India
Ans.T. aestivum
3695. The highest Guava producing state of India is ?
Ans.Bihar.
3696. Z-test was given by ?
Ans.R.A.Fisher.
3697. The highest Natural Rubber producing state of India is ?
Ans.Kerala.
3698. The highest Potato producing state of India is ?
Ans.UP.
3699. The highest pulses & Soybean producing state of India is ?
Ans.MP.
3700. The highest rice producing State of India is ?
Ans.WB.
3701. The highest Tomato producing state of India is ?
Ans.Andhra Pradesh.
3702. Leaf area index is ?
Ans.LAI= Total leaf area (m²)/ Ground area (m²).
3703. The horizon absent in arable land ?
Ans.'O' horizon.
3704. The hybrid variety of pomegranate ?
Ans.Amlidana.
3705. Land equivalent ratio is ?
Ans.LER=Yield of intercropping/ Yield of sole crop.
3706. The hydrostatic pressure developed due to the accumulation of water absorb by the root is called ?
Ans.Root pressure.
3707. The hydrostatic pressure generated within the cell against cell wall as a result of entry of water into it, due to osmosis.?
Ans.Turgor pressure.
3708. The hydroxide act as cementing agent in binding the soil particles together ?
Ans.Fe and Al.
3709. The hypothesis under test ?
Ans.Null hypothesis.
3710. Agro-sylvo-pastoral system is ?
Ans.Agricultural crops + Forest crops + Pasture management.
3711. Graded bunding suitable for lands having slopes from-----.?
Ans.2-10%.
3712. The important process of cauliflower ?
Ans.Blanching.
3713. The impurity percentage of seed ?
Ans.Dockage.
3714. Zing tracing are adopted in lands with -----% slopes ?
Ans.3-10%.
3715. Vertical mulching is mostly practiced in ---?
Ans.Coffee gardens.

3716. The Indian originated field crops are ?
Ans. Arhar, Mung, Urd, Cotton, Jute, Kodo, Kutki, Oat etc.
3717. The inherent capacity of the soil to supply nutrients to plants in adequate amount and in suitable proportions ?
Ans. Soil Fertility.
3718. The inorganic colloid of the soil is referred to as ?
Ans. Clay Minerals.
3719. PAR or photons are measured by-----?
Ans. Quantum sensor.
3720. PAR (photosynthetic active radiation) unit is ?
Ans. Einstein or Watt/m².
3721. The insecticide rules were framed in the year ?
Ans. 1971.
3722. The instrument able to record almost all meteorological data by desired interval at any time and any place ?
Ans. Automatic weather station.
3723. The instrument used to know pectin content ?
Ans. Jellimeter.
3724. The interchange of ideas between two persons, in such a way that they act on the existing knowledge to achieve some useful results ?
Ans. Communication.
3725. The International Maize and Wheat Improvement Center ?
Ans. CIMMYT, Mexico.
3726. The irreversible change in any plant part (s) with respect to size, form, weight, volume etc. ?
Ans. Growth.
3727. The isolation distance prescribed for the production of Hybrid Paddy seeds ?
Ans. Foundation Class-200 meters, Certified class 100 meters.
3728. The joint agriculture operation by farmer on voluntary basis ?
Ans. Cooperative farming.
3729. The Kisan Credit Card Scheme (KCCS) was introduced in ?
Ans. 1998-99.
3730. The land capability classes suitable for crop cultivation are ?
Ans. Class I to III According to USDA classification, the land belongs to class VI and VII are suitable.
3731. The land holding of large farmers ?
Ans. > 10 ha.
3732. The largest tea producing state of India ?
Ans. Assam.
3733. Lapse rate is ?
Ans. 6.5 C/Km.
3734. Solar constant value is ?
Ans. 1.94 Cal/cm²/min.
3735. Optimum Relative Humidity for silk worm rearing is ?
Ans. 65-85%.
3736. The Latin roots for the word 'extension' is ?
Ans. Ex and tension.
3737. The Latin word "Cultura" means ?
Ans. To Cultivate.
3738. The law of diminishing return was proposed by ?
Ans. Mitscherlich.

3739. The layer between stratosphere and mesosphere ?
Ans.Stratopause.
3740. The length of growing period, suitable for growing only a single dry land crop ?
Ans.14 weeks.
3741. The length of growing period, suitable for inter cropping system ?
Ans.14 to 20 weeks.
3742. The letter used to send the same information to many people at the same time is called ?
Ans.Circular Letter.
3743. The licensing authority for issuing the seed dealers licence under the Essential Commodities Act ?
Ans.Principal Agri. Officer.
3744. The line by which all the least cost combination points are joined to each other ?
Ans.Expansion Path.
3745. The line join the end points of Isoquants ?
Ans.Ridge line.
3746. The linolenic acid present in linseed oil ?
Ans.50-60%.
3747. The loss of water (contains salts and minerals) through hydathodes in liquid form during night and regulated by root pressure ?
Ans.Guttation.
3748. The loss of water in the form of vapour from the living aerial parts of the plant is known as ?
Ans.Transpiration.
3749. The main aim to maintain isolation distance ?
Ans.To avoid contamination or cross pollination.
3750. The main characteristic feature of an Insect is ?
Ans.Three pairs of legs.
3751. The main component of an English and british garden is ?
Ans.Lawn.
3752. The main constituent of CNG is ?
Ans.Methane.
3753. The main constituent of LPG is ?
Ans.Butane.
3754. The main critical stage of groundnut for irrigation ?
Ans.Flowering stage, Pegging stage and Pod formation stage.
3755. 1 ha mm =-----litres of water ?
Ans.10000 litres.
3756. The main function of Golgi body is ?
Ans.Packing and transport of food materials.
3757. The main important feature of Indian monsoon ?
Ans.Long breaks in the rainy season or Prolonged Dry spells.
3758. The main objective of field inspection is to examine ?
Ans.Disease incidence, Isolation distance and Off-types.
3759. The main purpose of method demonstration is ?
Ans.To provide skill.
3760. The main site of protein synthesis ?
Ans.Ribosome.
3761. The main soil separates are-----,----- &-----?
Ans.Sand,Silt& Clay.

3762. 1 ha cm =-----litres of water ?
Ans.100000 litres .
3763. The main symptom of American boll worm is ?
Ans.Larger circular bore holes with faecal pellets.
3764. The main symptom of Tungro disease of rice ?
Ans.Yellowing of leaves.
3765. 1 atmosphere = -----cm of water ?
Ans.1036 cm.
3766. The major constituent of poultry feed ?
Ans.Maize.
3767. The major genetic constituent of chromosome ?
Ans.DNA.
3768. The market used for durable goods ?
Ans.National market.
3769. The market used for food grains ?
Ans.Regional or State market.
3770. The market which is permanent in nature ?
Ans.Secular market.
3771. The material contained in vacuoles ?
Ans.Cell sap.
3772. The maximum no. of treatments adopted in RBD ?
Ans.20.
3773. The maximum phosphorus availability in most of the soils is in the pH range ?
Ans.6.0 to 6.5.
3774. The maximum pore space are found in ?
Ans.Clay soil.
3775. The mean distance between Earth and Sun ?
Ans.1.5 x 108 km.
3776. The mean sea level pressure is ?
Ans.1013.25 mili bars.
3777. The measures of the direction and degree of asymmetry ?
Ans.Skewness.
3778. The mechanical manipulation of the soil is k/s as ?
Ans.Tillage.
3779. Corrugation (Surface irrigation method) suitable for ?
Ans.Close growing crops like wheat, groundnut etc.
3780. The medium range of available N in soil ?
Ans.280-560 kg/ha.
3781. The mental process through which individual passes from fires hearing about an innovation to final adoption. ?
Ans.Adoption process.
3782. The method in which field divided into number of strips by bunds of around 15 cm height is ?
Ans.Border strip method.
3783. The method used to determine available phosphorus from soil is ?
Ans.Olsen's method.
3784. The method, suitable for crops i.e. Sorghum, cotton, maize, tobacco, potato, sugarcane etc is ?
Ans.Furrow method.
3785. The middle stage in which chromosomes are arranged in equatorial plate ?
Ans.Metaphase.

3786. The milling recovery of rice is ?

Ans.70%.

3787. The minimum desirable limit of moisture in paddy seeds ?

Ans.12%.

3788. The minimum germination percentage prescribed as for cucumber seed is ?

Ans.60%.

3789. The minimum price at which the govt. is prepared to buy agril. Commodities ?

Ans.Minimum Support Price (MSP).

3790. The minimum wages act was enacted by the govt. of India on ?

Ans.1948.

3791. The moisture content at harvesting stage of wheat ?

Ans.25-30%.

3792. The moisture content of a soil at which plants permanently wilt and will not recover?

Ans.Permanent wilting point (PWP).

3793. The moisture content of soil between Field Capacity and Permanent Wilting Point is called ?

Ans.Available moisture.

3794. The moisture deficit condition, results when the amount of water vapour available in the soil is not sufficient to meet the demand of potential evapo-transpiration ?

Ans.Drought.

3795. The molecule which encodes genetic information ?

Ans.DNA.

3796. The most common pit size for fruit planting ?

Ans.1 m × 1 m × 1 m.

3797. The molecule which helps in decoding genetic information carried by DNA ?

Ans.RNA.

3798. In sprinkler irrigation method, pressure and discharge rate should be ?

Ans.Pressure-2.5-4.5kg/cm² and discharge rate->1000 lit/hr.

3799. The more nutrient exhaustive family is ?

Ans.Poaceae (Graminae).

3800. The most abundant bio molecules on earth ?

Ans.Carbohydrates.

3801. The most abundant protein present in the world ?

Ans.Rubisco.

3802. The most accepted theory of water absorption ?

Ans.Transpiration pull theory.

3803. The most appropriate and effective type of crop cultivation in forests ?

Ans.Inter cropping.

3804. The most appropriate design, when all factors are not of equally important in experimentation ?

Ans.Split Plot Design (SPD).

3805. The most appropriate transformation for percentage ?

Ans.Angular transformation.

3806. The most common size of poster ?

Ans.50cm x 75cm.

3807. The most common symptoms to judge the maturity of sugarcane are ?

Ans.Cane become brittle, produces metallic sound and breaks easily at nodes.

3808. The most common system of farming noticed in India ?
Ans. Peasant farming.
3809. The most common varieties of jute are ?
Ans. JRC-321 (Sonali), JRC-212 (Sabuj sona), JRC 7447 (Shyamli), Hybrid C (Padma), KC1 (Joydev) etc.
3810. The most common varieties of linseed ?
Ans. Jawahar-7, 17, 18, 552, Kiran, Mukta, Sweta, Gourav, Shital.
3811. The most common varieties of soybean are ?
Ans. JS-2, 335, Indira Soya-9, PK-472, 1024, Gaurav, Ankur, Brag, Clark.
3812. The most common varieties of sunflower are ?
Ans. Modern, MSFH-8, 17, Jwalamukhi, KBSH-1, JS-1, Sunrise selection.
3813. The most common water flow measuring device which measures water flow in open conduit is ?
Ans. Parshall/Venturi flume.
3814. The most commonly used design ?
Ans. Randomized Block Design (RBD).
3815. The most critical stage of sugarcane for irrigation is ?
Ans. Formative stage (60-130 days after planting).
3816. In drip system, discharge rate of water per dripper is generally-----at -----pressure?
Ans. 1-8 lit/hr, 1.5-2.5 kg/cm².
3817. Typhoon system of drip irrigation used in -----?
Ans. Sugarcane.
3818. The most dangerous disease of sugarcane is ?
Ans. Red rot disease.
3819. -----is an excellent device for measuring small flows ?
Ans. 900- "V" notch weir.
3820. The most destructive phase of the bacterial blight of rice is known as ?
Ans. Kressek.
3821. The most dominant mineral on earth crust ?
Ans. Feldspar (48%).
3822. The most dominant soil order of India ?
Ans. Entisol.
3823. The most frost affected crop among all field crops ?
Ans. Gram.
3824. The most ideal agency of supplying credit to the farmers in rural areas ?
Ans. Cooperatives.
3825. The most ideal stage of bael for making preserve ?
Ans. Mature green stage.
3826. The most important Agroforestry practice is ?
Ans. Acacia leucophloea+ Cenchrus setigerus.
3827. The most important critical period of maize is ?.
Ans. Tasselling and silking.
3828. In 900 -"V" notch weir, discharge may be computed by ?
Ans. $Q=0.0138 H^{2.5}$.
3829. The most important critical stage of wheat is ?
Ans. Crown root initiation (CRI 20-25 DAS).

3830. The most important enzyme involved in photosynthetic CO₂ fixation in C₃ plants ?
Ans. Rubisco.
3831. The most important enzyme involved in photosynthetic CO₂ fixation in C₄ plants ?
Ans. PEP carboxylase.
3832. The most important soil group of India ?
Ans. Alluvial Soils.
3833. The most important unit of farm management ?
Ans. Production unit.
3834. The most popular mechanical measure to control soil erosion and conserve is ?
Ans. Contour Bunding.
3835. The most popular method for potato planting is ?
Ans. Ridge and Furrow.
3836. The most prominent and adopted cropping pattern in India ?
Ans. Rice - Wheat.
3837. The most serious smut among the smuts affecting sorghum is ?
Ans. Grain smut.
3838. The most suitable irrigation method for groundnut ?
Ans. Check basin method.
3839. The tension at field capacity ranges from-----?
Ans. -0.1 to 0.33 Atm..
3840. The concept permanent wilting point (PWP) proposed by----- ?
Ans. Briggs and Shantz (1912).
3841. The movement of nutrient ions and salts along with moving water ?
Ans. Mass flow.
3842. The national Agricultural Insurance Scheme (NAIS) was introduced in the country from ?
Ans. Rabi 1999-2000.
3843. The National Agriculture Policy (NAP) was announced on ?
Ans. 28th July, 2000.
3844. Soil moisture tension at PWP is about -----?
Ans. -15 bars or 15 atmosphere.
3845. The nearest thermal layer to the earth's surface ?
Ans. Troposphere.
3846. The negative logarithm of H⁺ ion concentration ?
Ans. Soil pH.
3847. The net assimilation rate is expressed in terms of ?
Ans. g cm⁻² day⁻¹.
3848. The net capital ratio is given by ?
Ans. Total assets / Total liabilities.
3849. The neutralizing power of a liming material is expressed in K/g of ?
Ans. Calcium Carbonate.
3850. The new botanical name of tomato ?
Ans. Solanum lycopersicon.
3851. The new name of agricultural prices commission ?
Ans. Commission for Agricultural Costs and Prices.

3852. The newly proposed seed act of India was introduced in ?
Ans.2004.
3853. PF value at field capacity ?
Ans.2.53.
3854. The nitrogen fixation per hectare by soybean ?
Ans.40 kg.
3855. The nitrogen fixing bacterium found on root surface of rice ?
Ans.Azospirillum.
3856. The non protein component of the enzyme ?
Ans.Co-enzymes.
3857. The non-conventional oil seed crop is ?
Ans.Sunflower.
3858. The non-edible oil seed crops are ?
Ans.Castor and Linseed.
3859. PF value at PWP ?
Ans.4.18.
3860. Concept of available water given by ?
Ans.Veihmayer and Hendrickson 1981.
3861. The normal planting space of banana ?
Ans.1.8-2m × 1.8-2m.
3862. The normal planting space of citrus ?
Ans.5-6m × 5-6m.
3863. The normal planting space of guava ?
Ans. 6m × 6m.
3864. The normal planting space of mango ?
Ans.10m × 10m.
3865. The normal recommended spacing of urd bean ?
Ans.40 cm×10 cm.
3866. Tensiometers are sensitive up to-----
---bars of soil moisture ?
Ans. 0.85 bars.
3867. The normal seed rate of brinjal ?
Ans.200 g/ha.
3868. The normal seed rate of pigeon pea ?
Ans.10-15 kg/ha.
3869. The normal seed rate of potato for one hectare land is ?
Ans.20-25 qt/ha.
3870. The noxious weed opuntia dilleni was controlled by ?
Ans.Dactylopus tomentosus.
3871. The number of agro-climatic regions in India ?
Ans.15.
3872. The number of grams of iodine absorbed by 100 g fat or oil ?
Ans.Iodine value/number.
3873. The nursery area required for providing seedlings for transplanting 1 ha rice field ?
Ans.1000 m² (1/10 ha).
3874. The nutrient helps in Biological Nitrogen Fixation ?
Ans.Mo.
3875. The nutrient required for quality maintenance in potato ?
Ans.Potassium.
3876. The objectionable weed of berseem is ?
Ans.Kasini (Chicorium intybus).
3877. The occurrence of bud rot of coconut is associated with ?
Ans.High humidity.

3878. The objects of comparison, which an experiment has to try in the field for assessing their value. ?
Ans.Treatment.
3879. The off type crop varieties are ?
Ans.Rogue.
3880. The oil and protein content of groundnut ?
Ans.45 and 26 %.
3881. The oil content in safflower ?
Ans.32-36%.
3882. The oil percentage in linseed is ?
Ans.40-42% oil.
3883. WUE of finger millet is-----? **Ans.13.4 kg/ha mm.**
3884. The oldest known agro forestry practice ?
Ans.Shifting cultivation.
3885. The oldest meteorological observatory in India ?
Ans.Madras.
3886. The One Straw Revolution is a book on natural farming by ?
Ans.Masanobu Fukuoka.
3887. The operational land holding of small farmers ?
Ans.1-2 ha.
3888. WUE of wheat is-----? **Ans. 12.6 kg/ha mm.**
3889. The optimum range of available soil moisture for convenient and effective ploughing ?
Ans.50-75%.
3890. The optimum temperature for better crop production is between ?
Ans.18 – 24°C.
3891. WUE of rice is-----? **Ans.3.7 kg/ha mm (lowest).**
3892. The optimum temperature range for sowing of wheat crop ?
Ans.20 to 25°C.
3893. The optimum time of sowing of chickpea is ?
Ans.15th to 20th October ?
3894. The order of three averages for a given data ?
Ans.AM > GM > HM.
3895. The organic matter rich compost made by use of earthworms ?
Ans.Vermi compost.
3896. The organism that causes red ring disease of coconut ?
Ans.Rhadinaphelenchus, (nematode).
3897. The origin place of mango ?
Ans.Indo-Burma region.
3898. The origin place of potato is ?
Ans.South America (Peru).
3899. The original colour of beverages for longer period are retained by ?
Ans.Benzoic acid.
3900. The outline map of India marked with weather data using international codes and abbreviations ?
Ans.Synoptic map.
3901. The oxidation reduction process is ?
Ans.Photosynthesis.
3902. The Oxygen content of soil air is than that in the atmosphere ?
Ans.Lower.

3903. The parent which is used only once in back cross breeding method ?
Ans.Donor.
3904. The part of wealth used for further regenerating wealth ?
Ans.Capital.
3905. The term propping is related to?
Ans.Banana.
3906. -----litres of water is required to produced 1 kg rice grain ?
Ans.5000 litres.
3907. First hybrid of basmati rice in world?
Ans.PRH-10.
3908. The pathogen of a disease can be identified using ?
Ans.Koch's Postulates.
3909. The peeling of fruits and vegetables is known as ?
Ans.Lye peeling.
3910. The people adopt through local leaders and constitute only 13.5% of the total population. ?
Ans.Early adopters.
3911. The people who adopt immediately after getting knowledge and constitutes only 2.5% of the total population.?
Ans.Innovators.
3912. The percent of lint in seed cotton is ?
Ans.33%.
3913. The percentage of applied irrigation water stored in the soil and made available for consumptive use by the crop ?
Ans.Irrigation Efficiency.
3914. World's first high yielding dwarf variety under quality rice has been developed by IARI through convergent breeding ?
Ans.Pusa Basmati-1.
3915. The percentage of oleoresin content in black pepper is ?
Ans.10-13.
3916. The percentage population of early majority over total population ?
Ans.34%.
3917. The percentage volume composition of organic matter in a typical soil is ?
Ans.5%.
3918. The period of operation of 11th five year plan ?
Ans.2007-2012.
3919. The period of validity of the Insecticide dealer's license is ?
Ans.2 YEARS.
3920. The period when water requirement is maximum is called as ?
Ans.Critical stages of water requirement.
3921. The permanent type root of sugarcane is ?
Ans.Shoot roots.
3922. The permissible and normal limit of EC, RSC, SAR (me/q 1-1) and Boron content (ppm) ?
Ans.2-4, < 2.5, < 10 and <3, respectively.
3923. The persistence of insecticidal residues in the food chain is called ?
Ans.Bio Magnification.
3924. Khaira disease in rice due to deficiency of ?
Ans.Zn.

3925. The person considered as father of extension ?
Ans. James Stuart.
3926. The person known as father of agrometeorology in India ?
Ans. L.A Ramdas.
3927. In rice -----variety is tolerance to Fe-toxicity ?
Ans. Phalguna.
3928. The pest of rice laying eggs along the mid rib of leaf blades or mid region of leaf sheath ?
Ans. Rice case worm.
3929. The PGR causes apical bud dominance ?
Ans. Auxins.
3930. The PGR used to initiate seed germination ?
Ans. Gibberellic acid.
3931. The pH of final jelly should be ?
Ans. 3.2.
3932. The pH of mineral soils tends to during summer ?
Ans. Decline.
3933. The pH value varies from ?
Ans. 0 to 14.00.
3934. The phasic change of individual cells into tissues, organs and organisms ?
Ans. Development.
3935. The phosphate solubilizer species of micro organisms is ?
Ans. Pseudomonas.
3936. The phosphatic fertilizer suitable for acid soil ?
Ans. Bone meal (23-30% P₂O₅).
3937. The photosynthetic rate of C₄ is than C₃ plants ?
Ans. Low.
3938. The physiological disorder "Lucerne yellowing" is cause due to the deficiency of ?
Ans. Boron (B).
3939. The physiological response of plants in relation to length of light ?
Ans. Photoperiodism.
3940. The pith of the red rot affected can emits ?
Ans. Rotten fish like smell.
3941. The plant cell is a type of cell ?
Ans. Eukaryote.
3942. The plant disease symptom of dying backward from the tip of foliage is called ?
Ans. Dieback.
3943. -----is the only hybrid rice which is released by private organization ?
Ans. PHB-71.
3944. In SRI, nursery area should be -----m² and seed rate is -----?
Ans. 100 m² and 5 kg/ha.
3945. Rice inflorescence is known as?
Ans. Panicle.
3946. The plants, which produce food themselves through photosynthesis?
Ans. Phototrophs.
3947. The pollinator of mango is ?
Ans. Housefly.
3948. The polymers of amino acid ?
Ans. Proteins and enzymes.

3949. The popular varieties of Anola ?
Ans. Banarasi, Krishna, Chakaiya, Hathi jhul, Kanchan, NA-7, 9.
3950. The popular varieties of berseem ?
Ans. Vardan, chindwara, BL-1, 11, 22, 52, C-10 (Maskavi), IGFRI 99-1.
3951. The popular varieties of jackfruit ?
Ans. Champa, Rudrakshi and Singapore.
3952. The popular varieties of lucerne ?
Ans. Moopa, Rambler, Anand-2, 3, Sirsa 1, 8, 9, Type - 8,9, IGFRI-5,54,244.
3953. The popular varieties of oat are ?
Ans. Kent, Algerian, UPO 50, Craig, Afterlee, Fulgham, Fleming gold, HFO-114.
3954. The portion of the plant embryo giving rise to the first true leaves is known as ?
Ans. Plumule.
3955. The portion of the total produce in stock which the farmer is willing to sell.? **Ans. Marketable surplus.**
3956. Test weight of basmati rice?
Ans. 21g.
3957. The potential exchangeable means of satisfying human wants ?
Ans. Wealth.
3958. The Powers of seed inspection is entrusted with in all districts ?
Ans. Assistant Director Of Agriculture (QC).
3959. The practice of flushing out germinable weed seeds before crop sowing is called ?
Ans. Stale seed bed.
3960. The prescribed minimum germination percentage for paddy seed is ?
Ans. 80%.
3961. The present governor of Reserve Bank of India is ?
Ans. Urjit Patel.
3962. The primary aim of Integrated Rural development Programme (IRDP) ?
Ans. All round development of family.
3963. The primary tillage implements are ?
Ans. Deshi plough, MB plough, Ridge plough, Disk plough etc.
3964. The principle applied for “How to produce”?
Ans. Principal of least cost combination.
3965. The principle applied for “What to produce” ?
Ans. Principal of opportunity cost/Equi marginal returns.
3966. The principle applied for production function “How much to produce”?
Ans. Principal of diminishing returns/costs.
3967. The principle organ of transpiration is ?
Ans. Stomata of leaf (90% transpiration).
3968. The private money lender is still an important agency for supplying credit because of ?
Ans. Least formalities for getting credit.
3969. The process by which an innovation is communicated through certain channels overtime among the members of a social system ?
Ans. Diffusion.
3970. The process by which human behavior is modified ?
Ans. Education.

3971. The process by which ions are taken into plant roots ?

Ans.Absorption.

3972. The process by which plants convert light energy of photon (captured from sun rays) into chemical energy ?

Ans.Photosynthesis.

3973. The process in which soil water lost from leaves of plants in the form of vapour and enters the surrounding atmosphere. ?

Ans.Transpiration.

3974. The process of arranging situations that stimulate and guide learning activities in order to bring desirable changes in the behaviour of people ?

Ans.Teaching.

3975. The process of decomposition of organic matter is termed as ?

Ans.Humification.

3976. The process of determining when to irrigate and how much water to apply is termed as ?

Ans.Irrigation scheduling.

3977. The process of producing a protein from its DNA- and m RNA-coding sequences.?

Ans.Gene expression.

3978. The process of removal of excess water from the field to ensure a favourable salt balance in the soil ?

Ans.Agricultural drainage.

3979. The process of rooting stem or branches before it is detached from the mother plant ?

Ans.Layering.

3980. The process of separation of chromatids called ?

Ans.Disjunction.

3981. The process of synthesizing multiple copies of a particular DNA sequence ?

Ans.Gene cloning.

3982. The process of using information (genetic material) from DNA to construct m-RNA ?

Ans.Transcription.

3983. The process of working with rural people in an effort to recognize the problems and determine possible solutions.?

Ans.Programme planning.

3984. The product of cassava is ?

Ans.Sago.

3985. The product of photosynthesis which is used for growth and development of plants ?

Ans.Glucose.

3986. The production of plants from minute plant parts in an artificial medium is called ?

Ans.Micro propagation.

3987. Miracle rice of India is ?

Ans.Jaya.

3988. The programme initiated at occasion of ICAR Golden Jubilee celebration ?

Ans.Lab to Land Programme (1979).

3989. The Protection of Plant Varieties and Farmers' Rights (PPV&FR) Authority, established in ?

Ans.Nov., 2005 at New Delhi (Chairman- S. Nagrajan).

3990. The protein (Oryzenin) content in paddy ?

Ans.6-7%.

3991. The protein and oil content in soybean seeds ?

Ans.40-42%, and 20-22%.

3992. The protein content in wheat ?

Ans.8-11%.

3993. The pupal parasite of Opisina, Black headed caterpillar of Coconut ?

Ans.Brachymeria.

3994. The quantity of lime required to neutralise the acidity created by adding 100 kg of ammonium sulphate is ?

Ans.100 kg/s.

3995. The quantity of water (gm) necessary for a plant to produce 1 kg of dry matter is known as ?

Ans.Transpiration coefficient .

3996. The quantity of water needed for normal crop growth and yield in a period of time to a place and may be supplied by precipitation or by irrigation or by both.?

Ans.Water requirement of a crop.

3997. The radiation in the sunlight that gives us the feeling of hotness is ?

Ans.Infra-red .

3998. The radiations emitted by the sun and responsible for the cause of skin cancer ?

Ans.Ultra-violet.

3999. Double gene dwarf variety of wheat is ?

Ans.Kalyan sona, Sonaro-64, chhoti lerna, HD-2329, Janak.

4000. Triple gene dwarf varieties of wheat is ?

Ans.Heera, Moti, Arjun.

4001. The rate of increase in Co₂ concentration in atmosphere will lead to ?

Ans.An increase in earth's temperature and Higher crop yields .

4002. Test weight of phalaris minor is ?

Ans.2 g .

4003. Variety of wheat, susceptible to 2, 4 D where spike deformity occurs ?

Ans.HD-2009 (Arjun).

4004. The ratio of height, width and length in shelter belt system ?

Ans.1:25:10 meter.

4005. The ratio of no. of observations to the sum of the reciprocal of the value of the different observations. ?

Ans.Harmonic Mean.

4006. The ratio of reflected radiation to incident radiation ?

Ans.Albedo.

4007. The ratio of runoff to the volume of precipitation receive in a catchment area is known as ?

Ans.Runoff coefficient.

4008. The ratio of the crop yield to the total amount of water used for irrigation is called, measured in kg/ha-cm is ?

Ans.Water use efficiency.

4009. The ratio of the volume of soil pores to volume of soil solids is ?

Ans.Void ratio.

4010. The reaction of oil/fat with NaOH/KOH as ?

Ans.Saponification.

4011. The recently launched Indian satellite for the study on coastal management and marine resources ?

Ans.IRS- P4- Oceansat.

4012. The recommended dose of N, P and K for rice crop ?
Ans.100:60:40 kg ha⁻¹.
4013. The recommended fertilizer dose (N:P:K) for cereal crops are ?
Ans.4:2:1.
4014. The recommended fertilizer dose (N:P:K) for fodder and fibre crops are ?
Ans.2:1:4.
4015. The recommended fertilizer dose (N:P:K) for oil seed crops are ?
Ans.3:2:1.
4016. Top cross variety of maize is ?
Ans.Ganga-2, Hi-starch.
4017. The recommended NPK dose for Field peas ?
Ans.20:50:30 kg.
4018. The recommended seed rate of linseed is ?
Ans.30-35 kg/ha.
4019. The recommended seed rate of mustard as main crop is ?
Ans.4-6 kg/ha.
4020. The recommended seed rate of safflower ?
Ans.15-20 kg/ha.
4021. The recommended seed rate of soybean ?
Ans.75-80 kg/ha.
4022. The recommended seed rate of sunflower per hectare is ?
Ans.5-7.5 kg/ha.
4023. The recommended seed rate of tomato per hectare ?
Ans.300-350 gm/ha.
4024. The recommended spacing between row to row and plant to plant of sunflower ?
Ans.50 cm x 20 cm.
4025. The region existing between two ecosystems which contain species of both ecosystems is ?
Ans.Ecotone.
4026. The region of plants in which food to be translocated originates ?
Ans.Source.
4027. The region of plants in which translocated food is utilized or immobilized ?
Ans.Sink.
4028. The relationship between Marketable to Marketed surplus for perishable products ?
Ans.Equal.
4029. The relative percentage of N₂, P₂O₅ and K₂O in a fertilizer ?
Ans.Fertilizer ratio.
4030. The relative proportion of sand, silt and clay is termed as ?
Ans.Soil texture.
4031. The concept of ideotype was given by ?
Ans.Donald (1968).
4032. The repetitive growing of the same sole crop on the same land is termed as ?
Ans.Monoculture.
4033. The representative soil sample taken for soil testing is referred to as ?
Ans.Composite Soil Sample.
4034. The requirement of 3 budded sett of sugarcane seed rate for planting in one hectare land is ?
Ans.35,000-40,000 setts.

4035. The requirement of seedbed for better cultivation of chickpea is ?
Ans. Rough seed bed.
4036. Seed rate in dapog method for rice ?
Ans. 3-4 kg/m².
4037. The Reserve Bank of India (RBI) Act for its establishment was passed in the year ?
Ans. 1934.
4038. Area required for seeding preparation in Dapog method ?
Ans. 25-30 m².
4039. The rice grain is botanically a ?
Ans. Caryopsis.
4040. The rice variety called 'miracle rice' is ?
Ans. IR-8.
4041. The rice variety which has no seed dormancy ?
Ans. I.R.-50.
4042. The right approach of Agriculture Extension ?
Ans. Bottom up approach.
4043. The rocks gets broken in pieces due to temperature is called ?
Ans. Exfoliation.
4044. The root developed due to water logging in most of the crops ?
Ans. Adventitious root.
4045. To determine hardness of grain in wheat Known as ?
Ans. Perling Index.
4046. The saline – alkali soil is also known as ?
Ans. Usar.
4047. The Salivary glands of insects secrete ?
Ans. Amylase.
4048. The salt concentration in pickle is maintained at ?
Ans. 8-10%.
4049. The saving of water in sprinkler and drip irrigation methods as compared to surface irrigation methods ?
Ans. 25-50 % and 50-70 % water, respectively.
4050. The scheme of Regional Rural banks (RRB) was launched in India on ?
Ans. 2nd October, 1975.
4051. The science describes rocks ?
Ans. Petrology.
4052. Blind hoeing is an important practice in-----crop.?
Ans. Sugarcane.
4053. The science of growing of fruits, vegetables, ornament plants and preservation of foods ?
Ans. Horticulture.
4054. Artificial ripening of sugarcane by use of -----at maturity ?
Ans. Polaris, Glyphosine @ 5kg a.i/ha.
4055. The science of human behaviors ?
Ans. Psychology.
4056. The science of production of fruit crops ?
Ans. Pomology.
4057. The science of Wealth ?
Ans. Economics.
4058. The science, which helps in changing the genetic make-up of plants in such a way that they give rise to the maximum economic product for human use.?
Ans. Plant Breeding.
4059. The scientific name of American Boll worm ?
Ans. Helicoverpa armigera.

4060. The scientific name of Banana Stem weevil ?
Ans. Odoiporus longicollis.
4061. The scientific name of Brinjal fruit and shoot borer ?
Ans. Leucinodes orbonalis.
4062. The scientific name of Brown Plant hopper (BPH) ?
Ans. Nilaparvata lugens.
4063. The scientific name of Cabbage head borer ?
Ans. Hellula undalis.
4064. Soils which are unsuitable for sugarcane are ?
Ans. Saline soil.
4065. The scientific name of Chilly thrips ?
Ans. Thrips tabaci.
4066. The scientific name of Citrus Psylla ?
Ans. Diaphorina citri.
4067. The scientific name of Cucurbits fruit fly ?
Ans. Dacus cucurbitae.
4068. The scientific name of Cut Worm ?
Ans. Agrotis ipsilon.
4069. The scientific name of Diamond back moth (DBM) of cabbage ?
Ans. Plutella xylostella.
4070. The scientific name of fruit and shoot borer of Okra ?
Ans. Earias vitella.
4071. The scientific name of Fruit Borer of pomegranate ?
Ans. Conogethes punctiferalis.
4072. The scientific name of Fruit sucking moth of citrus ?
Ans. Otheris materna.
4073. The scientific name of Green Leaf hopper (GLH) ?
Ans. Nephrotetrax nigropictus.
4074. The scientific name of Groundnut aphid ?
Ans. Aphis craccivora.
4075. The scientific name of Groundnut Leaf minor ?
Ans. Stomoperyx nertaria.
4076. The scientific name of Guava fruit fly ?
Ans. Bactrocera diversus.
4077. The scientific name of Khapra beetle or Wheat beetle ?
Ans. Trogoderma granarium.
4078. The scientific name of Lemon butter fly ?
Ans. Papillio demoleus.
4079. The scientific name of Mango hopper ?
Ans. Amritodus atkinsoni.
4080. The scientific name of Mango mealy bug ?
Ans. Drosicha mangiferae.
4081. The scientific name of Mustard aphid ?
Ans. Lipaphis erysimi.
4082. The scientific name of Mustard Painted Bug ?
Ans. Bargrada cruciferarum.
4083. The scientific name of Mustard sawfly ?
Ans. Athalia lugens proxima.
4084. The scientific name of Papaya fruit fly ?
Ans. Bactrocera/Dacus dorsalis.
4085. The scientific name of Pink Stem Borer ?
Ans. Sesamia inferens.

4086. The scientific name of Plume moth ?
Ans. *Exelastis atomosa*.
4087. The scientific name of Pulse Pod borer moth ?
Ans. *Etiella zinckenella*.
4088. The scientific name of Pod borer ?
Ans. *Helicoverpa armigera*.
4089. The scientific name of Pod bug ?
Ans. *Clavigralla gibbosa*.
4090. The scientific name of Pod fly ?
Ans. *Melanagromyza obtuse*.
4091. The scientific name of Potato aphid ?
Ans. *Aphis gossypii*.
4092. The scientific name of Potato tuber moth ?
Ans. *Phthorimaea operculella*.
4093. The scientific name of Pulse beetle ?
Ans. *Callosobruchus chinensis*.
4094. The scientific name of Red Cotton Bug ?
Ans. *Dysdercus koenigii*.
4095. The scientific name of Red flour beetle ?
Ans. *Tribolium castaneum*.
4096. The scientific name of Red Pumpkin beetles of cucurbits ?
Ans. *Raphidopalpa foveicollis*.
4097. The scientific name of Rice Gall Midge ?
Ans. *Orseolia oryzae*.
4098. The scientific name of Rice moth ?
Ans. *Corcyra cephalonica*.
4099. The scientific name of Sorghum Shoot fly ?
Ans. *Atherigona varia soccata*.
4100. The scientific name of Soybean Girdle beetle ?
Ans. *Oberea brevis*.
4101. The scientific name of stemfly ?
Ans. *Melanagromyza sojae*.
4102. The scientific name of Sugarcane Pyrilla/ Leaf hopper ?
Ans. *Pyrilla purpusilla*.
4103. The scientific name of Sugarcane root borer ?
Ans. *Emmalocera depressella*.
4104. The scientific name of Sugarcane shoot borer ?
Ans. *Chilo sacchariphagus*.
4105. The scientific name of Tobacco cutworm ?
Ans. *Spodoptera litura*.
4106. The scientific name of Tomato fruit borer ?
Ans. *Helicoverpa armigera*.
4107. The scientific name of Wheat Termites ?
Ans. *Odentotermis obesus*.
4108. The scientific name of White Grub of groundnut ?
Ans. *Holotrachia consequina*.
4109. The scientific name of White-backed Plant-hopper (WBPH) ?
Ans. *Sogatella furcifera*.
4110. The scientific name of White fly of sugarcane ?
Ans. *Aleurolobus barodensis*.
4111. The scientific name of Woolf aphid of apple ?
Ans. *Eriosoma lanigerum*.
4112. The scientific name of Yellow Stem Borer ?
Ans. *Scirphophaga incertulas*.

4113. The scolid wasp *Compsomeriella collaris* parasites the grubs of ?
Ans. *Leucopholis coneophora*.
4114. The secondary tillage implements are ?
Ans. Cultivator, Harrows, Hoe, Planker, Roller etc.
4115. Azhukal (Capsule rot) disease of cardamum is caused by ?
Ans. *Phytophthora* spp.
4116. The seed of succeeding crops is sown broadcast at 10 to 15 days before harvesting rice crop ?
Ans. Paira/Utera Crops.
4117. Panama wilt in banana is caused by ?
Ans. *Fusarium oxysporium*.
4118. The seed rate for early sown chickpea is ?
Ans. 75-80 kg/ha.
4119. The seed rate for transplanted paddy crop is ?
Ans. 50-60 Kg/ha.
4120. The seed rate of barley is ?
Ans. 75-80 kg/ha.
4121. The seed rate of berseem is ?
Ans. 25-30 kg/ha.
4122. The seed rate of bunch type groundnut varieties?
Ans. 100-120 kg/ha.
4123. The seed rate of jute per ha ?
Ans. 8-10 kg/ha.
4124. The seed rate of Late sown wheat ?
Ans. 125 -150 kg/ha.
4125. The seed rate of lucern is ?
Ans. 20-25 kg/ha.
4126. The seed rate of oat crop is ?
Ans. 80 -90 kg/ha.
4127. The seed rate of okra is ?
Ans. 8-10 kg/ha.
4128. The seed rate of Pearl millet ?
Ans. 2-3 kg/ha.
4129. The seed rate of cumin ?
Ans. 12-15 kg/ha.
4130. The seed rate of sorghum ?
Ans. 12-15 kg/ha.
4131. The seed rate of Spreading type groundnut varieties?
Ans. 80-100 kg/ha.
4132. The seed rate of timely sown wheat ?
Ans. 100 -125 kg/ha.
4133. The seed rate of tobacco is ?
Ans. 2.5 to 3.0 kg/ha.
4134. The seed rate of water melon ?
Ans. 3.5-5 kg/ha.
4135. The seed rate/ha of mung bean is ?
Ans. 12-15 kg.
4136. The seed rate of cluster bean is ?
Ans. 30-40 kg/ha.
4137. Mutant variety of tobacco is ?
Ans. Jayshri and Bhavya.
4138. Tripsin inhibitors crops are ?
Ans. Pigeonpea and cowpea.
4139. The senescence is delayed by?
Ans. Cytokinin.

4140. The serious disease of papaya ?
Ans.Damping off.
4141. The shelling percentage of wheat ?
Ans.60%.
4142. The short duration varieties of potato is ?
Ans.Kufri alankar, Kufri chandramukhi, Kufri bahar, Kufri Jyoti etc.
4143. The simplest experimental design ?
Ans.Complete Randomized Design (CRD).
4144. The simplest system of fruit planting ?
Ans.Square System.
4145. The simplest way of adaptation of plant to drought is ?
Ans.Evasion.
4146. The single borne rose species ?
Ans.Hybrid tea.
4147. The sites of Vernalisation ?
Ans.Apical buds/Growing point.
4148. The slow rate of decay of plant residues in swampy areas is due to lack of ?
Ans.O₂.
4149. The smell of soil after fresh shower is due to ?
Ans.Actinomycetes.
4150. The soil borne disease of rice ?
Ans.Rhizoctonia oryzae (Sheath blight of rice).
4151. The soil deficient in nitrogen content ?
Ans.Black soil.
4152. The soil depth from which the crop extracts most of the water needed for meeting the consumptive use requirement is ?
Ans.Effective root zone depth.
4153. The soil having more than 30% organic matter is placed in ?
Ans.Histosol.
4154. The soil having PD 2.50 g/cc and BD 1.25 g/cc will have % porosity?
Ans.50.
4155. The soil structure usually found in surface soils with high organic matter content?
Ans.Granular & Crumb.
4156. The soil type seen at or below Mean Sea Level frequently influenced by flooding and resultant water stagnation ?
Ans.Kari soil.
4157. The soil, air and seed borne disease of wheat
Ans.Kernal bunt (Neovossia indica)
4158. The soil, which have <4.0 pH is ?
Ans.Cat soil.
4159. The solanin content present in potato is ?
Ans.5 mg/100 gm of potato.
4160. Shelling % in bunch type groundnut is ?
Ans.75%.
4161. The solution made by dissolving Salt (NaOH) in water is called as ?
Ans.Brine solution.
4162. The sour taste in leaf of chickpea is due to presence of ?
Ans.Maleic and Oxalic acid.
4163. The source of energy for all plants is ?
Ans.Sun.
4164. The sowing of one crop just before the harvesting of previous crop ?
Ans.Relay cropping.

4165. The sowing time of late maturing pigeon pea is ?
Ans.1st week of July.
4166. The spacing maintained in Field pea is ?
Ans.30 cm x 5-7 cm.
4167. The stage of DNA synthesis in mitosis ?
Ans.Interphase.
4168. The standard atmospheric pressure at sea level is ?
Ans.1013 mb.
4169. The standard method of seed moisture estimation ?
Ans.Oven dry method.
4170. The State having highest density of population ?
Ans.West Bengal.
4171. The State having maximum groundnut production ?
Ans.Gujarath.
4172. The State having minimum literacy?
Ans.Bihar.
4173. In groundnut, Bitterness of kernel is due to ?
Ans.Aflatoxin.
4174. Earthing-up is done in groundnut crop at- -----DAS ?
Ans.35-45.
4175. The State where maximum number of people live below poverty line ?
Ans.UP.
4176. The State where minimum number of people live below poverty line ?
Ans.Punjab.
4177. The State which consume the highest quantity of pesticide is ?
Ans.Uttar Pradesh.
4178. The stem of sedges have shape ?
Ans.Triangular.
4179. The Stevenson's screen which is used to measure atmospheric temperature has as many as no. of thermometers in it ?
Ans.Four.
4180. The stout yellowish brown hairy caterpillar infesting drumstick ?
Ans.Taragama.
4181. The strains of lac insect used for cultivation ?
Ans.Kusmi and rangeeni.
4182. The structure of atmosphere is divided on the basis of ?
Ans.Vertical temperature difference.
4183. The study of envelope of air surrounding the planet and of the phenomenon associated with atmosphere.?
Ans.Meteorology.
4184. The study of interactions between living organism and environment is called as ?
Ans.Ecology.
4185. The study of soil in relation to its nutrients is ?
Ans.Edaphology.
4186. The study of soil in relation to its taxonomy is ?
Ans.Pedology.
4187. The study of the inter relationships between a given pathogen, its host & environment is called ?
Ans.Plant Disease Epidemiology.

4188. The study the association or degree and deviation between two or more variables. ?
Ans. Correlation.
4189. Critical stage for irrigation in rapeseed and mustard?
Ans. Rosette stage and Siliqua formation stage.
4190. Lint index is ?
Ans. Lint index = $\frac{\text{Weight of 100 cotton seed}}{100 \times \text{Ginning\%}}$.
4191. Ginning percentage is ?
Ans. $\text{Ginning percentage} = \frac{\text{Weight of lint}}{\text{Weight of seed cotton}} \times 100$.
4192. The surface tension of water is at 25°C ?
Ans. 72.7 dyne/cm².
4193. The sweetest maize species ?
Ans. Zea mays sacchrata (Sweet corn).
4194. The systems with lower pressure at the centre ?
Ans. Cyclone.
4195. The Flower color of bottle gourd ?
Ans. White.
4196. The Flower color of okra ?
Ans. Yellow.
4197. The Flower color of Pumpkin ?
Ans. Yellow.
4198. The Infloroscence of sugarcane ?
Ans. Arrow.
4199. The tax which is levied on goods or services produced or purchased. ?
Ans. Indirect tax.
4200. The technique of reducing the size of replication over a number of blocks at the cost of loosing some informations on same effect ?
Ans. Confounding Design.
4201. The temperature at which highest percentage of seed germination occurs in short period of time ?
Ans. Optimum temperature.
4202. The term "Extension education" was first used by ?
Ans. Cambridge University, England (1873).
4203. The term "Extension education" was originated from ?
Ans. England (1866).
4204. The term "Green Revolution" was first used in 1968 by former USAID director ?
Ans. William Gaud.
4205. The term 'Agriculture' was derived from Two Latin words -----and -----?
Ans. Ager & Cultura.
4206. The term 'Biotechnology' was coined by ?
Ans. Karl Ereky (1919).
4207. The term 'Endoplasmic reticulum' coined by ?
Ans. Porter (1948).
4208. The term 'Enzyme' was given by ?
Ans. W. Kuhne (1867).
4209. The term 'Extension' have originated from ?
Ans. Latin roots.
4210. The term 'Extension' originated in ?
Ans. UK (1966).

4211. The term 'Horticulture' is derived from ?
Ans.Latin word.
4212. The term 'Kurtosis' was introduced by ?
Ans.Karl Pearson (1906).
4213. The term 'Monsoon' was derived from the Arabic word ?
Ans.MAUSAM meaning season.
4214. The term 'Pomology' is derived from ?
Ans.Latin word.
4215. The term 'Protein' was coined by ?
Ans.Moulder (1840).
4216. The term "Genomics" was coined by ?
Ans.Thomas Roderick (1986).
4217. The term "primary centres of origin' was proposed by ?
Ans.Vevilov.
4218. The term ecology was introduced by ?
Ans.Hackel.
4219. The term Extension Education was first used in ?
Ans.1873.
4220. The term Lysosome was 1st used by ?
Ans.Dave (1955).
4221. The term monsoon was derived from Arabic word "Mausam" meaning ?
Ans.Season.
4222. The term used to denote chance of happening or not happening of an event.?
Ans.Probability.
4223. The term used to refer the weight of all the organisms at a tropical level ?
Ans.Biomass.
4224. -----crop is most suitable for alkaline and water logged soil ?
Ans.Sunhemp.
4225. The test which has self purification capacity of water body ?
Ans.BOD (Biochemical Oxygen Demand) test.
4226. The tillage aims to reduce tillage to the minimum necessary for ensuring a good seed-bed, rapid germination, satisfactory stands and favourable growing condition?
Ans.Minimum tillage.
4227. The tillage implement used to break subsoil is ?
Ans.Chisel plough.
4228. The tillage implement, most suitable for rice cultivation is ?
Ans.Power tiller.
4229. The tillage operation mainly aims to break, open and turn the soil ?
Ans.Primary/tillage.
4230. The tillage operation, done to create a good seedbed for proper seeding/planting ?
Ans.Secondary tillage.
4231. The tillage referred as no tillage in which the crop is planted in unprepared soil ?
Ans.Zero tillage.
4232. The tobacco solution stock prepared with 500 gm tobacco 120 g soap and 4.5 l water is diluted times for spraying ?
Ans.6-7.
4233. The total cost of production which includes all cost items, actual as well as imputed?
Ans.Cost C.

4234. The total depth of water (cm) required by a crop during its duration in the field ?
Ans. Delta.
4235. The total root parasitic weed of Tobacco?
Ans. Orabanchi spp.
4236. The Total Soluble Salts (TSS) of soil is estimated by using the instrument ?
Ans. A Standard Conductivity Meter.
4237. The total stem parasitic weed of Lucern ?
Ans. Cuscuta spp.
4238. The trade name of pesticide 'zolone' ?
Ans. Phosalone.
4239. The transformation required when data not follow normal distribution ?
Ans. Data transformation.
4240. Ginning percentage in desi cotton ?
Ans. 36-42%.
4241. The transport of bees from one place to another for foraging purpose ?
Ans. Migration.
4242. The tuber borne disease of potato ?
Ans. Black scurf (Rhizoctonia solani).
4243. The type of credit required for paddy cultivation ?
Ans. Short Term Loan.
4244. The type of credit required for purchasing milch cattle ?
Ans. Medium term loan.
4245. The type of credit required for reclaiming one acre of kalyan land ?
Ans. Long term credit.
4246. The type of root system in chickpea is ?
Ans. Tap root system.
4247. The type of seed germination in pigeon pea is ?
Ans. Hypogeal.
4248. The types of stomata mostly present on lower surface of leaves ?
Ans. Potato type.
4249. The ultimate irrigation potential of India is million ha ?
Ans. 113.5.
4250. Ginning percentage of American cotton ?
Ans. 18-20%.
4251. The uniformly accepted ways of acting about some social aspects of life are known as ?
Ans. Custom.
4252. The unit for rate of solar radiation measurement ?
Ans. Langley.
4253. The unit in which mutation occurs ?
Ans. Mutaon.
4254. The unit of energy is ?
Ans. Joule.
4255. The clouds responsible for rain ?
Ans. Nimo-startus.
4256. The water contains SAR value -----is harmful to crops ?
Ans. >10.
4257. Canker nodules are mostly found in ?
Ans. Red Soil.

4258. The Van Mahotsav Day in India is observed on ?
Ans.1 July.
4259. Particle density of most of the soil is ?
Ans.2.65g/cc.
4260. Process of mixing of soils is known as ?
Ans.Pedoturbation.
4261. The varieties suitable for late planting of potato is ?
Ans.Kufri sinduri, Kufri dewa, Kufri jeevan etc.
4262. The wheat variety best suited for sowing in Rainfed areas?
Ans.C-306, Sujata, Shera, Mukta.
4263. The variety of carrot which is richest source of vitamin A ?
Ans.Pusa Meghali.
4264. The variety of living organisms (flora and fauna) is called as ?
Ans.Biodiversity.
4265. The variety of Radish with capacity to purify liver is ?
Ans.Pusa chetki.
4266. The vector of bunchy top disease in banana is ?
Ans.Banana aphid.
4267. Bulk density of general soil is
Ans.1.33 g/cc.
4268. The vector of sterility mosaic of pigeon pea ?
Ans.Mite.
4269. The vector of Tungro disease ?
Ans.Green Leaf Hopper.
4270. The vegetable crop under approval for Bt. technology ?
Ans.Brinjal.
4271. The vertical cracks are major problem in ?
Ans.Deep black soils.
4272. The vertical section of a soil from surface to the bedrock is called
Ans.Soil Profile.
4273. The virus used for the control of gram pod borer ?
Ans.NPV.
4274. The visible part of light which is least important in photosynthesis ?
Ans.Green light.
4275. The vitamin also called Sunshine vitamin ?
Ans.Vitamin D.
4276. The Warehousing Corporations Act came into operation on ?
Ans.18th March, 1962.
4277. The water content between Field capacity (-1/3 bar) to PWP (-15 bar) is called ?
Ans.Available water.
4278. The water is lost during transpiration in the form of ?
Ans.Vapour
4279. The water use efficiency of C4 is than C3 plants ?
Ans.High.
4280. The wavelength of visible portion of solar spectrum ?
Ans.380 to 700 nm.

4281. The water, retained by the soil in capillary pores (micro pores), against gravity (-1/3 to - 31 bar) by the force of surface tension ?
Ans. Capillary water.
4282. The water, that moves downward freely under the influence of gravity (< 1/3 bar) beyond the root zone ?
Ans. Gravitational water.
4283. The weathering mineral, having most stable soil structure ?
Ans. Kaolinite.
4284. The weight of 100 seeds of a crop ?
Ans. Seed Index.
4285. The weight of 1000 seeds of a crop ?
Ans. Test weight.
4286. The weight of one hectare of surface soil (O-15 cm) in kilograms?
Ans. 2.24×106 kg/ha.
4287. The weight of the carbon of air at any given place and time.?
Ans. Atmospheric pressure.
4288. The whip smut of sugarcane is caused by ?
Ans. Ustilago hordei.
4289. The whitefly that infests the under surface of the sugarcane leaves ?
Ans. Neomaskellia bergii.
4290. The wilt of cotton is ?
Ans. Seed and Soil borne.
4291. The WMO day falls on ?
Ans. 23rd. March 1950.
4292. The word 'Biochemistry' is a ?
Ans. Greek word.
4293. The word 'ecosystem' was coined by ?
Ans. A. G. Tansley.
4294. The word 'Soil' is derived from ?
Ans. Latin.
4295. The word 'Zero tillage' was termed by ?
Ans. Jethro Tull.
4296. The word Extension was first used by?
Ans. Vorhees.
4297. ----- is a common disease in camel caused by protozoa ?
Ans. Surra.
4298. The year 2005 was declared as international year of by the United Nations ?
Ans. Micro-organism.
4299. The year 2006 was declared as international year of by the United Nations ?
Ans. Desert and Desertification.
4300. The year 2007 was declared as international year of by the United Nations ?
Ans. Water.
4301. The year 2008 was declared as international year of by the United Nations ?
Ans. Potato.
4302. The year 2009 was declared as international year of by the United Nations ?
Ans. Fibre.
4303. The year 2010 was declared as international year of by the United Nations ?
Ans. Biodiversity.
4304. The year 2011 was declared as international year of by the United Nations ?
Ans. Forest.

4305. The year 2012 was declared as international year of by the United Nations ?
Ans.Cooperatives.
4306. The year 2013 was declared as international year of by the United Nations ?
Ans.Water Cooperatives.
4307. The year 2014 was declared as international year of by the United Nations ?
Ans.Family Farming.
4308. The year 2015 was declared as international year of by the United Nations ?
Ans.Soils
4309. The year 2016 was declared as international year of by the United Nations ?
Ans.Pulses.
4310. The year 2017 was declared as international year of by the United Nations ?
Ans.Sustainable Tourism for Development.
4311. The year 2019 was declared as international year of by the United Nations ?
Ans.Indigeneous languages.
4312. The year 2020 was declared as international year of by the United Nations ?
Ans.Plant Health.
4313. The year 2021 was declared as international year of by the United Nations ?
Ans.Fruits & Vegetables.
4314. The year 2022 was declared as international year of by the United Nations ?
Ans.Fruits & Artisanal Fishries & Aquaculture.
4315. The year 2024 was declared as international year of by the United Nations ?
Ans.Camelids.
4316. The year from which the Seed Act 1966 came into force throughout the country ?
Ans.1969.
4317. The KVK was started ?
Ans.1974.
4318. The yield of guava per ha is ?
Ans.12-15 tonnes.
4319. The young ones of insects with complete metamorphosis is known as ?
Ans.Larva.
4320. The young ones of insects with incomplete metamorphosis is known as ?
Ans.Nymphs.
4321. The zone at which TP increases but at decreasing rate ?
Ans.Rational zone (Stage – II).
4322. The World Meterlogical Day is observed on ?
Ans.March23rd.
4323. Thena is other wise known as ?
Ans.Italian Millet.
4324. Theory of evolution through natural selection was given by ?
Ans.C.Darwin and A.R.Wallace (1858).
4325. Thermometer was invented by ?
Ans.Galileo Galilei.
4326. Ozone day celebrated at ?
Ans.16th september.
4327. Thimet is the trade name of ?
Ans.Phorate.

4328. Thiodan is the trade name of ?
Ans. Endosulfan.
4329. Thiram, an organo-sulphur fungicide was developed by-----&-----?
Ans. Tisdale & William.
4330. Third generation insecticides are ?
Ans. Hormonal insecticides.
4331. Thomson seedless is a variety of ?
Ans. Grapes.
4332. Thorn less species of citrus ?
Ans. Tahiti lime (C. latifolia).
4333. Thornless variety of rose
Ans. Chitra.
4334. Thorny fencing plant used as a hedge ?
Ans. Inga dulcus.
4335. Those fertilizers having all the three major nutrients viz., N, P and K.?
Ans. Complete fertilizers.
4336. Thread like bodies that carry gene ?
Ans. Chromosome.
4337. Three common greenhouse gases include ?
Ans. Carbon dioxide, methane, nitrous oxide.
4338. Three main types of rocks are-----,-----
-- &-----?
Ans. Igneous, Sedimentary & Metamorphic.
4339. Cynodon dactylon is propagated by ?
Ans. Stolons/Runners.
4340. Thrips belong to the order ?
Ans. Thysanoptera.
4341. Thrips possess type of mouth parts ?
Ans. Rasping & Sucking.
4342. Thunderstorms are associated with ?
Ans. Cumulonimbus.
4343. THURICIDE is insecticidal formulation developed from ?
Ans. Bacillus thuringiensis.
4344. Tikka leaf spot' is a disease affecting ?
Ans. Groundnut.
4345. Examples of Facultative weeds ?
Ans. Lantana camara, Parthenium hysterophorus, Calotropis gigantean, Tribulus terrestris, Datura metal, Abutilon spp, Alternanthera pungens etc.
4346. TILT is the trade name of ?
Ans. Propaconazole.
4347. Tipping, Centering & Plucking' are terms associated with ?
Ans. Tea cultivation.
4348. Tissue culture is a -----method of propagation ?
Ans. Vegetative.
4349. To break the tuber dormancy, the tuber should be treated with ?
Ans. 1% thiourea + 1 ppm GA3 for 1 hour.
4350. To prepare 1 litre of Bordeaux mixture, how much quantity of copper sulphate is required ?
Ans. 10 gram.
4351. To study two factors with different level of precision, which design is used ?
Ans. Split plot design.
4352. To test the goodness of fit or homogeneity, we use ?
Ans. Chi-square test.

4353. To test the proportions and variance, we use ?
Ans. 'F' test.
4354. Tobacco Mosaic disease is caused by ?
Ans. Nicotiana Virus-1.
4355. Tolerance to sheath blight is increased in paddy by ?
Ans. Potassium fertilizer.
4356. Top leaf just below the panicle of rice plant is called ?
Ans. Flag leaf.
4357. Top shoot borer is a pest of ?
Ans. Pepper.
4358. Top soil is other wise called ?
Ans. Furrow slice.
4359. Topping practice is done ?
Ans. Cotton.
4360. TOT means ?
Ans. Transfer of Technology.
4361. Example of Obligate weeds ?
Ans. Phalaris minor in wheat, Echinochloa spp in rice, Ipomoea triloba in sugarcane
4362. Total no. of essential amino acids are ?
Ans. 10.
4363. Total no. of essential nutrients for plants ?
Ans. 17.
4364. Total no. of functional nutrients ?
Ans. 21 (Essential elements + Co, V, Si, Na).
4365. Total number of cutting taken in oat crop are ?
Ans. 2-3 cuttings.
4366. Total well defined vitamins are ?
Ans. 13.
4367. Toxic substance present in colocasia ?
Ans. Ca oxalate.
4368. Traditional teaching method ?
Ans. Drama.
4369. Training and Visit programme (1974) is also known as ?
Ans. Baster and Benor Scheme.
4370. Transfer of genetic material from m-RNA to Protein ?
Ans. Translation.
4371. Transformation of physical inputs into physical outputs is termed as ?
Ans. Production.
4372. Translucent spots of irregular shape between veins shows ?
Ans. Mo deficiency.
4373. Transparent polythene sheets of thickness is used for soil solarization ?
Ans. 100- 150 gauge.
4374. Transpiration associated ion uptake is ?
Ans. Passive uptake process.
4375. Transplanting a cell, tissue or organ from one nutrient medium to another.?
Ans. Subculture.
4376. Transplanting age of tobacco is ?
Ans. 7 to 9 weeks (4-5 leaf stage).
4377. Transport proteins are ?
Ans. Haemoglobin.
4378. Tree of heaven ?
Ans. Coconut.

4379. Tree species suitable for alley cropping ?
Ans. Cassia siamea, Leucaena and Sesbania.
4380. Trees + crops + pasture/animals ?
Ans. Agri-silviculture.
4381. Trees + crops during initial years ?
Ans. Energy plantation.
4382. Trees + fishes ?
Ans. Aqua-forestry.
4383. Trees + fruit trees + crops ?
Ans. Agri-silvi-horticulture ?
4384. Trees is on boundary + crops ?
Ans. Boundary plantation.
4385. Trees+ pasture/animals ?
Ans. Silvi-pasture.
4386. Trench layering is practiced in ?
Ans. Apple /Plum/Cherry.
4387. Triangular cuts on fronds' is a symptom of attack in Coconut ?
Ans. Rhinoceros beetle.
4388. Trichogramma minutum is ?
Ans. Egg parasite.
4389. Trichogramme austrealicum was employed to control ?
Ans. Chilo infuscatellus.
4390. Trichosanthus dioca is botanical name of ?
Ans. Pointed gourd.
4391. Triple gene dwarf varieties of wheat?
Ans. Jawahar, Jyoti, Hira, Moti, Sangam, UP-301, UP-319.
4392. Triploids are useful for ?
Ans. Seedless fruits.
4393. Triple gene dwarf wheat varieties were released during ?
Ans. 1970.
4394. Triple super phosphate contains % Phosphorus?
Ans. 46.
4395. Triplet sequence found in m-RNA which codes for single amino acid ?
Ans. Codon.
4396. Triplet sequence in t-RNA ?
Ans. Anticodon.
4397. Trisaccharides contain ?
Ans. Raffinose.
4398. Nitrification Inhibitors for low land?
Ans. Oxamide (31%N) and Thiourea (36.8%N).
4399. Troll classified the climate on the basis of ?
Ans. Humid month and temperature.
4400. Tropical crops prefers a temperature range of ?
Ans. 30 °C to 38 °C.
4401. Tropilaelaps clariae infesting bees is ?
Ans. Brood mite.
4402. True marigold is also known as ?
Ans. Calendula.
4403. True potato seed (TPS) enough for planting one ha. crop. ?
Ans. 40-45 gm.
4404. True to type plants are produced through propagation ?
Ans. Vegetative.
4405. TSS of cooking jam is measured by ?
Ans. Hand Refractometer.

4406. TRYSEM' means ?

Ans.Training of Rural Youth for Self Employment.

4407. TSS of jam should not be ?

Ans.< 70%.

4408. TSS% of Tomato sauce is ?

Ans.30%.

4409. Tuber for selected for potato sowing should have ?

Ans.At least 3 buds, 2.5-3 cm diameter with 25-30 gm weight.

4410. -----machine is used for cutting for animal feed ?

Ans.Chaff cutter.

4411. Ultra low volume sprays are made with ?

Ans.Hydraulic power sprayer.

4412. Type of poisons are effective in controlling Beetles ?

Ans.Stomach.

4413. Two or more products when produced in the same production process called ?

Ans.Joint product.

4414. -----is a machine to cut crops and deliver them in a uniform manner in a row ?

Ans.Windrower.

4415. Type of insecticides are generally used in the control of Bugs ?

Ans.Contact

4416. Type of poisons are effective in control of Lepidopteran pests ?

Ans.Stomach.

4417. The term "ecosystem" coined by ?

Ans.A.G. Tansley.

4418. -----is a machine to cut herbage and leave them in swath ?

Ans.Mower.

4419. ULV sprayers requires of spray fluid per hectare ?

Ans.Less than 5 liter.

4420. Unconsolidated material overlying bedrock is known as ?

Ans.Regolith.

4421. Under normal conditions carbon in well aerated soils is converted to -----and in poorly aerated water logged conditions converted to-----?

Ans.Co₂& Methane.

4422. Under perfect competition market, maximum profit is obtained when?

Ans.Marginal Return = Marginal Cost.

4423. Unit less figure based on two values ?

Ans.Range.

4424. -----is used for heat transfer through conduction ?

Ans.Fourier law.

4425. Under water logged conditions, which nutrients are found deficient for the crops ?

Ans.Both Zn and Cu.

4426. Undesirable, troublesome weed difficult to control ?

Ans.Noxious weed.

4427. United Nation's Climate Summit was held on December 2009 at-----?

Ans.Copenhagen, Denmark.

4428. Units of pressure ____?

Ans.Dynes/sq/cm OR Newton/Sq.m OR Pascal.

4429. UPASI Tea Research Foundation is located at ?
Ans. Conoor.
4430. UPASI-2 is a variety of ?
Ans. Tea.
4431. Upper leaves will show chlorosis on midrib, veins green and dead spots occur in all parts of leaf (veins, tips and margins) show ?
Ans. Zn deficiency.
4432. Upper limit of atmosphere is ?
Ans. 750 miles.
4433. Upward translocation of fluid in xylem takes place due to ?
Ans. Pull of transpiration stream.
4434. Use of Altimeter ?
Ans. Height.
4435. Use of Anemometer ?
Ans. Wind speed/velocity.
4436. Use of Aneroid barometer ?
Ans. Atmospheric pressure.
4437. Use of Auxanometer ?
Ans. Growth of plant.
4438. Use of Barograph ?
Ans. Continuous atmospheric pressure .
4439. Use of Cambel stokes recorder ?
Ans. Sunshine duration.
4440. -----is prepared from citrus fruit slices suspended in sugar solution ?
Ans. Marmalade.
4441. Use of Drosometer ?
Ans. Dew.
4442. RTS contains atleast -----% fruit juice,-----% soluble solids and -----% acid ?
Ans. 10%, 10%, 0.3% .
4443. Nectar contains -----% fruit juice and -----% total solids ?
Ans. 20% and 15%
4444. Use of Infiltrometer ?
Ans. Infiltration.
4445. Use of Irrrometer ?
Ans. Water stress, soil moisture tension.
4446. Use of Lactometer ?
Ans. Fats % in milk.
4447. In pumpkin, male and female parent can be grown in -----ratio ?
Ans. 1:3.
4448. Yield of snakegourd is ?
Ans. 18t/ha.
4449. In brinjal, Phomopsis blight and bacterial blight resistant variety are ?
Ans. Pant samrat.
4450. In brinjal, little leaf of brinjal resistant variety is ?
Ans. Arkasheel.
4451. Modified leader system mostly used for-----crop ?
Ans. Apple.
4452. In pear, which type of training system is suitable ?
Ans. Centre Leader/Pyramid System.
4453. Use of Pyrheliometer ?
Ans. Direct solar radiation.

4454. Use of Rain gauge ?
Ans.Amount of rainfall.
4455. Use of resistant varieties is an important tool in method of pest control ?
Ans.Bio-ecological, Integrated.
4456. Use of Tensiometer ?
Ans.Soil moisture tension (0.8 bar).
4457. Harvest index in pulses ?
Ans.0.2-0.3.
4458. Usually apple is graded on ?
Ans.6 size.
4459. Value, used to assess the degree of spoilage (rancidity) of a fat or oil?
Ans.Acid Number/Value.
4460. VAM belongs to the group of ?
Ans.Fungi.
4461. VAM means ?
Ans.Vascular Arbuscular Mycorrhizza.
4462. Vanilla plants are very sensitive towards ?
Ans.Root disturbance.
4463. Variable cost is also known as ?
Ans.Prime cost/Input cost.
4464. Variation seen in plants that have been produced by plant tissue culture ?
Ans.Somoclonal variation.
4465. Varietal purity is checked by ?
Ans.Grow out test (GOT).
4466. Varieties of mustard are ?
Ans.Kranti, Varuna, Krishna, Pusa bold, Vardan, Rohni.
4467. Varieties of sugarcane termed as “Wonder cane”?
Ans.COC-671 and CO-419.
4468. Varieties suitable for both grain and fodder purpose ?
Ans.CSH 13 and CSV 15.
4469. Variety suitable for HDP of chilli?
Ans.Jwalamukhi.
4470. Vascular streak die back (VSD) is a disease affecting ?
Ans.Cocoa.
4471. Vector for bud necrosis of groundnut is ?
Ans.Thrips.
4472. Vector of virus in groundnut is ?
Ans.Aphid.
4473. Vegetable treated with BHC are unfit for use for ?
Ans.Ever.
4474. Vegetative embryos develops without fertilization ?
Ans.Apomixis.
4475. Vegetative propagation through ‘Bulbs’ is noticed in ?
Ans.Tuberose/Onion.
4476. Vegetative propagation through ‘runner’ is noticed in ?
Ans.Strawberry/Centella.
4477. Veneer grafting is similar to ?
Ans.Side grafting.
4478. Venturi meter is used to measure water, if ?
Ans.Water flow from the pipe.

4479. Vermiculite is a secondary mineral containing ?
Ans.Mg.
4480. Vertical movement of water or downward movement of water from different soil layer is called as ?
Ans.Percolation.
4481. Vertical mulches are used only in ?
Ans.Black cotton soil .
4482. Harvest index in cereals is ?
Ans.0.4-0.5.
4483. Very fine soil particles (<0.1 mm dia.) eroded by mechanism ?
Ans.Suspension.
4484. Vetiver is a ?
Ans.Perennial grass.
4485. Vigova & 'Khaki Campbell' are breeds of ?
Ans.Duck.
4486. Vincristin which is useful in treatment of Blood Cancer is extracted from ?
Ans.Savam Nari- Catheranthus roseus.
4487. Viral disease affecting silk worm ?
Ans.Grasserie.
4488. Visible light spectrum of insect is ?
Ans.253-700 mm.
4489. VISWAM is a variety of ?
Ans.Thippali.
4490. Vit. A, D, E and K are ?
Ans.Fat soluble vitamins.
4491. Vit. B complex (B1, B2, B12), B3, B6 and Vit.C are ?
Ans.Water soluble vitamins.
4492. Vitamin A deficiency causes ?
Ans.Night blindness.
4493. Vitamin A is also known as ?
Ans.Retinal.
4494. Vitamin B1 is also known as ?
Ans.Thiamin.
4495. Vitamin B12 is also known as ?
Ans.Cynocabalamin.
4496. Vitamin B2 is also known as ?
Ans.Riboflavin.
4497. Vitamin B3 deficiency causes ?
Ans.Whiteness of hairs.
4498. Vitamin B3 is also known as ?
Ans.Pantathenic acid.
4499. Vitamin B5 is also known as ?
Ans.Niacin.
4500. Vitamin B7 is also known as ?
Ans.Biotin.
4501. Vitamin C deficiency causes ?
Ans.Scurvy.
4502. Vitamin C is also also known as ?
Ans.Ascorbic acid.
4503. Vitamin D deficiency causes ?
Ans.Reckets.
4504. Vitamin D is also known as ?
Ans.Calciferol.
4505. Vitamin E is also known as ?
Ans.Tocopherol.
4506. Vitamin K is also known as ?
Ans.Phyloquinone.

4507. Vitamin was discovered by ?
Ans.Funk (1911).
4508. Volume or quantity of water required for irrigation to bring a crop to maturity ?
Ans.Duty of water.
4509. Volumetric method of water measurement are ?
Ans.Furrows, Sprinklers and Drippers.
4510. Volvariella volvacea is ?
Ans.Paddy-straw mushroom.
4511. Warfarin is a rodenticide acting as ?
Ans.Anticoagulent.
4512. Warm cloud seeding is done by ?
Ans.Sodium chloride (NaCl).
4513. Wart disease of potato is caused by ?
Ans.Synchutium endobioticum.
4514. The first exclusive meteorological satellite built by ?
Ans.ISRO.
4515. Was the first Organo-phosphorus insecticide?
Ans.Bladan.
4516. Was the first systemic fungicide ?
Ans.Oxanthin.
4517. Washington & Honey Dew are varieties of ?
Ans.Papaya.
4518. Water balance technique was introduced by ?
Ans.Thornthwaite.
4519. Water harvesting in situ is known as ?
Ans.Runoff farming.
4520. Pungency in mustard due to ?
Ans.Isothiocynate.
4521. Water is absorption by plants mainly through ?
Ans.Root hairs.
4522. Water requirement of cotton crop ?
Ans.70-130 cm.
4523. Water requirement of maize and groundnut are ?
Ans.50-80 cm.
4524. Water requirement of rice is ?
Ans.90-250 cm.
4525. Water requirement of sugarcane ?
Ans.150-250 cm.
4526. Water requirement of wheat, sorghum, soybean and tobacco are ?
Ans.45-65 cm.
4527. Water soaked lesions on basal portion of pseudostem of ginger causing rotting is observed in disease ?
Ans.Soft Rot.
4528. Water soluble phosphatic fertilizers ?
Ans.SSP, DSP, TSP and DAP.
4529. Duty of water is ?
Ans.Duty of water=8.64 x base/Delta .
4530. ----- is the total depth of water (cm) required by a crop during its duration in the field ?
Ans.Delta.
4531. Wax Moth is a pest of ?
Ans.Honeybee.
4532. Weather for casting is done using ?
Ans.Synoptic chart.

4533. The first watering is known as?

Ans.Kor watering.

4534. Weed caused relatively more loss in rice productivity, when it is ?

Ans.Direct seeded.

4535. Weed that depends for its growth on its host plant ?

Ans.Parasitic weed.

4536. Weed used as pollution indicator ?

Ans.Cleome viscosa.

4537. -----contains <3% erusic acid and <30 u mol/g glucosinolates ?

Ans.Double Zero variety "00" (Canola).

4538. In mustard, due to presence of toxic-----in its cake, it is unsuitable source of protein for both human and cattle ?

Ans.Glucosinolates.

4539. Til inflorescence is known as ?

Ans.Raceme.

4540. West Coast Tall is a variety of which plantation crop ?

Ans.Coconut palm.

4541. What are the types of soil movement in the process of wind erosion ?

Ans.Saltation, Suspension and Surface creep.

4542. -----transmits phyllody disease in til ?

Ans.Leaf hopper.

4543. What does 'jhuming' refers to ?

Ans.Traditional method of cultivation in hilly area.

4544. What is "sericulture"?

Ans.Silkworm rearing.

4545. What is "Silviculture" related to ?

Ans.Forest trees.

4546. What is "Apis mellifera"?

Ans.European honey bee.

4547. Linseed oil is chief source of-----and this is good for heart patient ?

Ans.Omega-3-fatty acid.

4548. -----is a first hybrid of castor ?

Ans.Aruna (NPH-1).

4549. What is India's global position in fish production ?

Ans.2nd.

4550. What is India's global position in production of Black Pepper ?

Ans.3rd.

4551. What is India's global position in production of cashew nut ?

Ans.2nd.

4552. What is India's global position in production of Cauliflower & Cabbage ?

Ans.2nd.

4553. What is India's global position in production of coconut ?

Ans.3rd.

4554. What is India's global position in production of Cotton ?

Ans.2nd.

4555. What is India's global position in production of cow milk ?

Ans.1st.

4556. What is India's global position in production of food grains ?

Ans.3rd.

4557. What is India's global position in production of fruits ?
Ans.2nd.
4558. What is India's global position in production of Ginger ?
Ans.1st.
4559. What is India's global position in production of Onions ?
Ans.2nd.
4560. What is India's global position in production of potatoes?
Ans. 2nd.
4561. What is India's global position in production of Rice ?
Ans.2nd.
4562. What is India's global position in production of sugarcane ?
Ans.2nd.
4563. What is India's global position in production of Tea ?
Ans.2nd.
4564. What is India's global position in production of Tobacco ?
Ans.3rd.
4565. What is India's global position in production of vegetable ?
Ans.2nd
4566. What is India's global position in production of wheat ?
Ans.2nd.
4567. What is India's global position in production of banana ?
Ans. 1st.
4568. What is India's global position in production of mango ?
Ans. 1st.
4569. What is the concentration of solution in ppm if 2 kg of 2,4-D is mixed with 1000 lit of water ?
Ans.2000.
4570. What is the contribution of agriculture to National income of our country ?
Ans.17%.
4571. What is the contribution of the Agriculture sector in the GDP of the Indian economy?
Ans.17.5%.
4572. What is the Critical Period of Crop-Weed Competition for sugarcane ?
Ans.30-120 DAS.
4573. What is the Critical Period of Crop-Weed Competition for transplanted rice ?
Ans.30-45 DAS.
4574. What is the Critical Period of Crop-Weed Competition for Upland rice condition ?
Ans.Entire period of crop growth.
4575. What is the dry adiabatic lapse rate in troposphere ?
Ans.6.5°C/km.
4576. What is the fundamental unit of chromosome ?
Ans.Chromatin.
4577. What is the name of the first Genetically Modified crop that was given permission to be grown in India ?
Ans.Bt Cotton.
4578. What is the trade name of Alachlor ?
Ans.Lasso.

4579. A 24 liter capacity bucket is filled in 10 seconds by discharge from a Persian wheel. what is the rate of flow ?
Ans. 2.4 liter per second or 144 liter per minute.
4580. What is the rank of India in Livestock population in the world ?
Ans. First.
4581. What is the trade name of Chlorimuron 10% + Metasulfuron-methyl 10% ?
Ans. Almix.
4582. What is the trade name of Chlorimuron-ethyl ?
Ans. Classic, Kloben.
4583. What is the trade name of Ethoxy sulfuron ?
Ans. Sunrise.
4584. What is the trade name of Fenoxa prop-ethyl ?
Ans. Whip super.
4585. What is the trade name of Glyphosate ?
Ans. Roundup.
4586. What is the trade name of Nitrofen ?
Ans. Toke E-25.
4587. What is the trade name of Pendimethalin ?
Ans. Stomp.
4588. The portion of available water which the crop use without affecting its evapotranspiration and growth ?
Ans. Readily available water.
4589. What is wind ?
Ans. Air blowing at a point.
4590. What's Burnt lime ?
Ans. CaO.
4591. -----the depth of water (cm) to be drained in 24 hours period from the entire drainage area ?
Ans. Drainage coefficient.
4592. What will be CPE value when irrigation is scheduled at 0.8 IW/CPE with 6.0 cm depth of irrigation water ?
Ans. 7.5 cm or 75 mm.
4593. What's 'SFDA'?
Ans. Small Farmers Development Agency.
4594. What's SH medium ?
Ans. Schenk – Hildebrandt medium.
4595. What's slaked lime ?
Ans. Ca(OH)₂.
4596. Wheat is a ?
Ans. Allohexaploid.
4597. Wheat is a. ?
Ans. Hexaploid plant (2n = 42).
4598. Wheat protein is called as ?
Ans. Gluten.
4599. Wheat, cotton, tobacco and oat are ?
Ans. Allopolyploids.
4600. When a paper folds ones or twice with detail information on specific aspects is called as ?
Ans. Folder.
4601. When both main and inter crop is benefited to each other ?
Ans. Complementary Crops.
4602. When farm is classified on the basis of organizational setup, termed as ?
Ans. System of farming.

4603. When farmers follows agricultural practices in their own way and managers and organizers of their farm business ?
Ans. Peasant farming.
4604. Waterlogging injury caused primarily-----
-----toxicity ?
Ans. Mn.
4605. When female matures before male ?
Ans. Protogyny.
4606. When fertility gradient in one direction, the statistical design to be used ?
Ans. RBD.
4607. -----is a market in which the number of buyers is small while the number of sellers could be large of a commodity ?
Ans. Oligopsony market.
4608. In land capability classification, class I land color is-----?
Ans. Green colour.
4609. When heterosis estimated over the superior or better parent ?
Ans. Heterobeltiosis.
4610. When male and female flowers occur on different plants ?
Ans. Dioecious.
4611. When male and female flowers occur on the same plant ?
Ans. Monoecious.
4612. When male and female flowers of a hermaphrodite flower matures at different time ?
Ans. Dichogamy.
4613. When $MP = AP$, then $EP = 1$?
Ans. Unit inelastic demand.
4614. When $MP > AP$ then $EP > 1$ is called ?
Ans. Elastic demand.
4615. When new variety is recommended, which type of budget should be prepared?
Ans. Partial budget.
4616. When other factors are equal , the buffering capacity of a soil is directly proportional to its ?
Ans. Cation Exchange Capacity.
4617. When pollen grains from an another falls on receptive stigma of the same flowers ?
Ans. Self pollination.
4618. When pollen grains from flower of one plant transferred to receptive stigmas of flowers of another plant ?
Ans. Cross pollination/Allogamy.
4619. When pollen sterility is caused by cytoplasmic genes ?
Ans. Cytoplasmic Male Sterility (CMS).
4620. When superiority of the hybrid to the standard commercial check variety ?
Ans. Economic heterosis.
4621. When temperature increases with height, it is called ?
Ans. Inversion.
4622. When the calculated F is greater than table F value at 5% only, the differences in treatments is considered.?
Ans. Significant.
4623. When the demand and price are equal, called as ?
Ans. Equilibrium price.
4624. When there is a single salers of a product ?
Ans. Monopoly market.

4625. When the increase in one product is directly proportionate to increase the other product is called ?
Ans. Complementary Production.
4626. When the productions of both inter crops is equal to that of its solid planting ?
Ans. Companion cropping.
4627. When the soil solution has a prominence of H⁺ ions over OH⁻ ions, the soil is said to be ?
Ans. Acidic.
4628. When total Assets are divided by total liabilities, called as ?
Ans. Net Capital Ratio (NCR).
4629. Where is National Research Centre for Banana ?
Ans. Trichy.
4630. When two or more brief talks presenting phases of the some general topic called ?
Ans. Symposium.
4631. When water is held tightly as thin film around soil particles by adsorption forces and flows at gravity of > -31 bar, is called ?
Ans. Hygroscopic water.
4632. Where is All India Coordinated Research Project on Sub-Tropical Fruits ?
Ans. Lucknow.
4633. Where is All India Coordinated Research Project on Tropical Fruits ?
Ans. Bangalore.
4634. Neelum, Hira, Mukta and K-2 are varieties of ?
Ans. Linseed.
4635. Real value of a seed is ?
Ans. Real value of seed = Purity% x Germination % /100.
4636. Where is National Research Centre for Citrus ?
Ans. Nagpur.
4637. Where is National Research Centre for Grapes ?
Ans. Pune.
4638. Where is National Research Centre for Litchi ?
Ans. Muzaffarpur.
4639. Which animal acts as natural tiller of soil ?
Ans. Earth worm.
4640. Which are unimportant in Confounding Design ?
Ans. Interactions.
4641. Which bacterium is used for nitrogen fixation in sugarcane field ?
Ans. Acetobactor diazotrophicus.
4642. Which cell organelle is called as "Power house of the cell"?
Ans. Mitochondria.
4643. Which cell organelle is found in both prokaryotic and eukaryotic cells?
Ans. Ribosome.
4644. Which chrysanthemum allows single bloom on a branch?
Ans. Standard Chrysanthemum.
4645. Which citrus species is known as Fancy fruit?
Ans. C. reticulate.
4646. Which Grasses used for grassed water ways are ?
Ans. Panicum repense, paspalum notatum, Cyanodon dactylon, Bracharia mutica .

4647. Which cotton pest causes hopper burn ?
Ans. Cotton Jassid (*Amrasca bigutulla*).
4648. Which country is known as the 'Land of Tulips' ?
Ans. Netherlands.
4649. Which country is the world's largest producer of cashew nuts ?
Ans. Vietnam.
4650. Which country is the world's largest producer of Lemons & Limes ?
Ans. India.
4651. Which country is the world's largest producer of Oranges ?
Ans. Brazil.
4652. Which country ranks first in coconut production?
Ans. Indonesia.
4653. Which country stands first in milk production in world ?
Ans. India
4654. Which crop consumes maximum quantity of plant protection chemicals in India?
Ans. Cotton.
4655. Which crop in India has maximum area under irrigation ?
Ans. Rice.
4656. -----is an important weed in cumin fields having morphologically with cumin plant ?
Ans. Zeeri (*Plantago pumile*).
4657. Which crop is commonly known as Single seeded nut ?
Ans. Litchi.
4658. Which crop rotation under dry land situation will be more remunerative ?
Ans. Sesamum-gram.
4659. Which cucurbit is also known as Bitter cucumber ?
Ans. Bitter gourd.
4660. Which design is applied when experimental material are limited and homogenous ?
Ans. CRD.
4661. Which design provides main effects and interactions.?
Ans. Factorial RBD.
4662. Seed rate of coriander ?
Ans. 10-12 kg/ha.
4663. Which fertilizer is most beneficial for alkali soils ?
Ans. Ammonium sulphate.
4664. Which fruit beverage contains at least 10% fruit juice and 10% soluble solids ?
Ans. Ready-To-Serve (RTS).
4665. Which fruit beverage is diluted before serving ?
Ans. Syrup.
4666. Which fruit has the highest Vitamin A ?
Ans. Mango.
4667. Which fruit is commonly known as "Kalpavriksha" ?
Ans. Coconut.
4668. Which gland in human body known as Adam's apple ?
Ans. Thyroid gland.
4669. Which grafting is used for repairing the plant ?
Ans. Bridge grafting.

4670. CO-1, 2, Gujrat coriander-1,2 Rcr-20, 41, Rajendra, Swati, Sadhana ?
Ans. Coriander.
4671. Which growth regulator is isolated from yam ?
Ans. Batasins.
4672. Which guava variety is known as Sardar ?
Ans. Lucknow- 49.
4673. Which herbicide shows Knock down effect ?
Ans. Paraquate, Diquat and Glyphosate.
4674. Which horizon is called Fertile zone ?
Ans. 'A' horizon.
4675. Which Indian state is known as the 'Spice garden of India' ?
Ans. Kerala.
4676. Which Instrument record temperature without contact the object ?
Ans. Infrared thermometer.
4677. Which irrigation method has highest irrigation efficiency? **Ans. Drip method.**
4678. Which is a contact selective herbicide? **Ans. Propanil.**
4679. Which is accumulated in the leaves of water stressed plants ?
Ans. ABA.
4680. Which is known as functional unit of life ?
Ans. Cell .
4681. Which is known as physical basis of life ?
Ans. Protoplasm.
4682. Which is not a function of marketing ?
Ans. Harvesting.
4683. -----is a important weed of tea ?
Ans. Imperata cylindrica .
4684. Which is not included under biomass ?
Ans. Water.
4685. Which is the common field method for determining the texture of a soil ?
Ans. Feel method.
4686. Which is the most important indicator of economic development of a country ?
Ans. National Income.
4687. Which is the smallest flowering plant ?
Ans. Wolffia.
4688. Which is the most prominent primary mineral in sandy soil ?
Ans. Quartz.
4689. Which is the world's most widely cultivated cereal crop ?
Ans. Wheat.
4690. Which is used for improving fruit quality of grape ?
Ans. 20 ppm GA.
4691. Which is used to measure the average relationship between two or more variables? **Ans. Regression.**
4692. Which market ensure fair price ?
Ans. Regulate market.
4693. First hybrid variety of tobacco in India is ?
Ans. GTH-1.
4694. Which mechanism of water erosion is known as "Death of Farmers"?
Ans. Sheet erosion.

4695. Which micro-nutrient is most deficient in Indo-Gangatic alluvium soils?
Ans. Zinc.
4696. Which mineral is a source of phosphorus and boron in soils?
Ans. Apetite.
4697. Which nucleic acid controls all cellular activities?
Ans. DNA.
4698. Which nucleic acid is necessary for protein biosynthesis?
Ans. RNA.
4699. Which nutrients can be applied by fertigation?
Ans. Nitrogen and sulphur.
4700. Which of the equipment is used to turn over the soil?
Ans. Mould bould plough.
4701. Which of the following causes more wastage of herbicide by drift?
Ans. Ultra-low volume sprayer.
4702. Which of the following crop geometry ensures uniform solar radiation availability to crop?
Ans. Square.
4703. Which of the following is a indicator plant for the bioassay of Atrazine?
Ans. Soybean.
4704. Which of the following is a method of indirect measurement of soil moisture?
Ans. Neutron moisture meter.
4705. Which of the following is not found in plant cell?
Ans. Glycogen.
4706. Which of the following is used for killing microorganisms in food?
Ans. Heat processing.
4707. Which of the following rotations is likely to leave soil richer in organic matter?
Ans. Maize – Oats - Clovers.
4708. Which of the following stages of a crop are more prone to weed competition?
Ans. Germination to seedling.
4709. Which of the following weed having herbicide resistance?
Ans. Avena fatua.
4710. Which of the plant species can be suggested on saline soil?
Ans. Haloxylon salicornium.
4711. Which one is a competitive market?
Ans. Perfect market.
4712. -----herbicide has the longest persistency?
Ans. Chlorofenac.
4713. Which one is considered as organic fertilizer?
Ans. Urea.
4714. Father of soil erosion is?
Ans. H.H. Bennett.
4715. Which operation controls the shape of plant?
Ans. Training.
4716. Which organelle of cell is known as dustbin of cell?
Ans. Vacuoles.
4717. Which organelle of cell is known as engine of cell?
Ans. Ribosome.

4718. Which organelle of cell is known as suicidal bag of cell ?
Ans. Lysosome.
4719. Which organelle of cell is non living?
Ans. Cell wall .
4720. Which organelles of cell are found only in plants?
Ans. Plastids, Spherosome.
4721. Which organism is used for vermi composting ?
Ans. Earthworm.
4722. Which organism/groups do not have photosynthesizing capability ?
Ans. Fungi.
4723. Which part of the chromosome is known as primary constriction ?
Ans. Centromere.
4724. Which part of the cotton plant contains lint and fuzz ?
Ans. Hemp.
4725. Which part of the sprayer breaks the spray fluid in to fine droplets ?
Ans. Nozzle.
4726. Which pathogen caused heavy losses to wine industry in France due to its epidemics in 1875 ?
Ans. Plasmopara viticola.
4727. Which pest attacks all the parts of the plant ?
Ans. Termite.
4728. Which pest causes Bunchi top appearance in sugarcane ?
Ans. Top Borer (Tryporza novella).
4729. Which pest causes severe damage to rice panicle at night?
Ans. Rice Army worm (Mythimna saparata).
4730. Scientific name of Buck wheat ?
Ans. Phagopyra esculantum .
4731. Which plastid of cell is responsible for colour in plants ?
Ans. Chromoplast.
4732. Which plastid of cell is responsible for photosynthesis in plants ?
Ans. Chloroplast.
4733. Which plastid of cell is responsible for storage of starch and fat in plants?
Ans. Leucoplast.
4734. Tokyo is a variety of -----?
Ans. Buck wheat.
4735. Which principle of experimentation eliminates human biases.
Ans. Randomization.
4736. Which process is involved in the senescence of fruits and vegetables ?
Ans. Respiration.
4737. Which programme is called as Package programme ?
Ans. Intensive Agriculture District Programme (1960).
4738. Which rust was earliest appeared in India on wheat ?
Ans. Brown/Orange/Leaf rust.
4739. Which species of citrus produces seedless fruits?
Ans. Tahiti lime.

4740. Which stage of adoption helps to establish “Bench mark”?
Ans.Evaluation.
4741. Which stage of the wheat rust fungus is considered as the perfect stage ?
Ans.Telial stage (Black spore stage).
4742. Which state ranks first in cotton production in India ?
Ans.Gujarat.
4743. Which state ranks first in mango production in India ?
Ans.Uttar Pradesh.
4744. Which surface has least Albedo?
Ans.Moist black soil.
4745. Which transformation is applied when mean a variance ?
Ans.Square root.
4746. Which variety of Mango is known as ‘the king of Mangoes’?
Ans.Alphonso.
4747. Which variety of Mango is known as ‘the queen of Mangoes’?
Ans.Kesar.
4748. Which vitamin contains metal ion?
Ans.Vitamin B12.
4749. Whip grafting & Shield budding are widely practiced in ?
Ans.Apple.
4750. Whip like structure appeared in terminal bud ?
Ans.B deficiency.
4751. White blister of cabbage is caused by ?
Ans.Albugo candida.
4752. White brinjal is preferred by ?
Ans.Diabetic patients.
4753. White bud of maize is caused by ?
Ans.Zn deficiency.
4754. White eye of rice is caused by ?
Ans.Fe deficiency.
4755. White gold of America ?
Ans. Cotton.
4756. White muscardine disease of silk worm is caused by ?
Ans.Beauvaria bassiana.
4757. -----and -----practice done in tobacco plant ?
Ans.Priming and Curing.
4758. White rust of cruciferea is a ?
Ans.Pseudo rust.
4759. The crops are grown along farm road and fences called as ?
Ans.Avenue crops.
4760. WHITE TIP DISEASE in Rice is caused by ?
Ans.Plant parasitic Nematode.
4761. Who coined the term ‘HORMONE’ ?
Ans.Ernest starling.
4762. Who coined the term chromosome ?
Ans.Waldeyer (1888).
4763. Who coined the term genetics ?
Ans.W. Bateson (1905).
4764. Who coined the term mitochondria ?
Ans.Benda (1897).

4765. Who developed pH scale ?

Ans.S.P.L Sorensen.

4766. Who developed the concept of pangensis ?

Ans.Charles Darwin.

4767. Who developed the theory of acquired character ?

Ans.Jean-Baptiste Lamarck 1809.

4768. Who discovered BHC in 1825 ?

Ans.Michael Faraday.

4769. Non-Virginia type tobacco variety are ?

Ans.Bidi, hookah, chewing tobacco.

4770. Who discovered mitochondria ?

Ans.Albert von kolliker 1857.

4771. Who discovered photovaoltaic effect ?

Ans. Alexandre Edmond Becquerel.

4772. Who discovered the base composition of DNA ?

Ans.Chargaff (1953).

4773. Who discovered the cell ?

Ans.R. Hooke (1665).

4774. Who discovered chromosome ?

Ans.Walther Flemming.

4775. Who gave the chromosomal theory of Inheritance ?

Ans.Sutton and Boveri.

4776. These crops supplement the yield of main crops called as ?

Ans.Augmenting crops (sowing of mustard with berseem).

4777. Highest consumption of herbicides in the world ?

Ans.Japan (5kg/ha).

4778. Who is known as Father of food preservation ?

Ans.Nicolas Appert.

4779. Who is regarded as the father of modern pedology ?

Ans.Vasily Dokuchaev.

4780. Who is regarded as the father of natural farming ?

Ans.Masanobu Fukuoka.

4781. Resting condition of a seed ?

Ans.Quiescence.

4782. Who is the Director General of Indian Council of Agricultural Research ?

Ans.Dr.Mangala Rai.

4783. Weed seed dispersal by ants is known as ?

Ans.Myrmecochory.

4784. Viability of weed seeds in animal excreta after digestion is referred as ?

Ans.Endozoochory.

4785. Short living annual weeds, complete life cycle with in 2-4 weeks ?

Ans.Ephemerals.

4786. Total root parasite ?

Ans.Broomrape (Orobanche spp).

4787. Who is the first scientist attempted to classify the climate ?

Ans.De Condole (1900).

4788. Weeds are morphologically similar with main crop ?

Ans.Mimicry weeds (Phalaris minor in wheat and Echinichloa spp in rice).

4789. Semi or partial stem parasite ?

Ans.Loranthus.

4790. Weeds mature at the same time and height along with crop and seeds are similar to main crop ?
Ans. Avena fatua in Barley.
4791. "A value" proposed by ?
Ans. Fried and Dean (1952).
4792. Who is the present union minister for Agriculture ?
Ans. Narendra singh tomar.
4793. Who is the world's highest producer of Apple?
Ans. China.
4794. Blotch disease of barley caused by ?
Ans. Helminthosporium spp.
4795. Who is the world's highest producer of goat milk ?
Ans. India.
4796. Who is the world's highest producer of Jute ?
Ans. India.
4797. In groundnut pod without kernel or unfilled due to ?
Ans. Ca deficiency.
4798. Who is the world's highest producer of Natural Rubber ?
Ans. Thailand.
4799. Who is the world's highest producer of Rice ?
Ans. China.
4800. Who is the world's highest producer of sugarcane ?
Ans. Brazil.
4801. Who is the world's highest producer of Tapioca ?
Ans. Nigeria.
4802. Who is the world's highest producer of Tea ?
Ans. China.
4803. Who is the world's highest producer of vegetable ?
Ans. China.
4804. Who is the world's highest producer of wheat ?
Ans. China.
4805. Who was the first recipient of World Food Prize created by Norman Borlaug ?
Ans. Dr. M. S Swaminathan in 1987.
4806. Pollen sterility in wheat is due to ?
Ans. Boron deficiency.
4807. Widely used index for classification of droughts ?
Ans. Palmer drought index.
4808. Wilt disease is a ?
Ans. Soil borne disease.
4809. Wilt disease of chickpea is caused by ?
Ans. Fusarium oxisporium.
4810. Wilt of pigeonpea is caused by ?
Ans. Fusarium oxisporum f. sp. Udm.
4811. Wilting in Brinjal is caused by ?
Ans. Pseudomonas solanacearum.
4812. Wind blowing from south to north is ?
Ans. Southerly wind.
4813. Bulk density of sub soil is ----- as compare to surface soil ?
Ans. Higher.
4814. Wind pressure is measured by ?
Ans. Beaufort scale.

4815. Wind turbines uses ?
Ans. Kinetic energy.
4816. Winds blowing from sub- tropic high to the equatorial poles is ?
Ans. Antitrade winds.
4817. Winds blowing from sub-tropic high to the equatorial low is ?
Ans. Trade winds.
4818. -----is greatest absorbed at acidic pH 6.5 or less ?
Ans. H₂PO₄⁻.
4819. -----found stem nodulation for N fixation ?
Ans. Sesbania rostrata.
4820. Wiring, Clamping & Leaf trimming are some techniques of ?
Ans. Bonsai.
4821. With increasing number of error degree of freedom, table F value follow trend. ?
Ans. Gradually decreased.
4822. Wonder crop ?
Ans. Soybean.
4823. Wonder tree ?
Ans. Neem.
4824. World Coconut day is observed on ?
Ans. September 2.
4825. World Earth Day is observed on ?
Ans. April 22.
4826. World environment day ?
Ans. June 5.
4827. World farmer's day is observed on ?
Ans. Dec-29.
4828. World Food Day is celebrated on which date every year ?
Ans. October 16.
4829. World Meteorological Organization Head Quarters is at ?
Ans. Geneva.
4830. World Trade organization was formed in the year ?
Ans. 1995.
4831. World's biggest seed company ?
Ans. Monsanto.
4832. World's first seed testing laboratory was established in ?
Ans. 1869 (Germany)
4833. World's first hybrid variety of Pigeon pea is ?
Ans. ICPH-8.
4834. World's highest production dairy animal ?
Ans. Holstein Friesia.
4835. World's largest tree?
Ans. General Sherman tree, a Giant Sequoia.
4836. Wrapping practice is done ?
Ans. Sugarcane.
4837. WTO come in to effect from ?
Ans. 1995.
4838. WTO means ?
Ans. World Trade Organization.
4839. Wydate is a ?
Ans. Molluscicide.
4840. Xanthopimpla spp is a ?
Ans. Larval parasite.

4841. X-rays as mutagen was 1st used by ?
Ans.Mullar.
4842. Yellow coloured rose species is ?
Ans.R. foitida.
4843. Yellow jewel of America ?
Ans.Soybean
4844. Yellow Mosaic of soybean is caused by ?
Ans.Mung bean yellow mosaic virus (MYMV).
4845. -----denotes the dominant spectral colour in mulsan colour chart?
Ans.HUE.
4846. Yellow revolution is related to ?
Ans.Oil seeds production.
4847. Yellow vein mosaic of okra is transmitted through ?
Ans.White fly.
4848. Yellow Vein Mosaic resistant varieties of mung bean ?
Ans.Pant mung 3, Sumrat, Basanti.
4849. Yellow vein mosaic resistant variety of okra ?
Ans.Pusa Sawani.
4850. -----denotes the lightness and darkness of colour in mulsan colour chart ?
Ans.VALUE.
4851. Young embryo is removed from developing seeds and planted on a suitable nutrient medium in vitro is called as ?
Ans.Embryo culture.
4852. Young Men Christian Association was associated with ?
Ans.Marthandom Project (1928).
4853. Zeatin is a ?
Ans.Cytokinin.
4854. Zinc deficiency in wheat field reported in ?
Ans.Punjab.
4855. Zinc solubilizing bacterial bio fertilizer is ?
Ans.Azozink.
4856. Zn deficiency in Pigeon pea is rectified by spraying of ?
Ans.5 kg ZnSO₄ + 2.5 kg Lime ha⁻¹.
4857. Zn toxicity is reduced by addition of ?
Ans.Superphosphate.
4858. Zone of eluviation is ?
Ans.A2 horizon.
4859. Zone of illuviation is ?
Ans.B2 horizon.
4860. Elements provide basic structure ?
Ans. C,H,O.
4861. Energy Exchange elements ?
Ans. H,O.
4862. Highly mobile nutrients in plants ?
Ans. N,P&K.
4863. Immobile nutrients in plant ?
Ans. Ca & B.
4864. -----denotes purity of colour in mulsan colour chart?
Ans.CHROMA.
4865. Zn, Fe are ?
Ans. Micro nutrients.
4866. Co is the structural component of ?
Ans. Vitamin B12.

4867. S is essential for ?

Ans. Oil seed crops.

4868. Na is essential for ?

Ans. Sugarbeets.

4869. V shaped yellowing at the tip of the lower leaves shows ?

Ans. N deficiency.

4870. Chlorosis in between the veins and veins remain green shows ?

Ans. N deficiency.

4871. Tip burn, margin scorching shows the deficiency of ?

Ans. K+.

4872. Interveinal chlorosis is occurs due to the deficiency of ?

Ans. Fe deficiency.

4873. Complete interveinal chlorosis occurs due to ?

Ans. Mn deficiency.

4874. Grey speck of oat, Phala blight of sugarcane caused by ?

Ans. Mn deficiency.

4875. Rosetting and excess gumming occurs due to ?

Ans. Cu deficiency.

4876. Top sickness of tobacco occurs due to ?

Ans. B deficiency.

4877. Beneficial elements are ?

Ans. Co, Si, Na, Ni, Va.

4878. Ni & Co is most useful for the crops ?

Ans. Legumes.

4879. Silicon is essential for ?

Ans. Rice, Maize.

4880. Excess vegetative growth is due to the supply of ?

Ans. High supply of N.

4881. The permissible limit of soil loss in India is ?

Ans. 12 ton/ha/year.

4882. White tip and white bud of maize occurs due to ?

Ans. Zn deficiency.

4883. Sickie leaf disease occurs due to ?

Ans. P deficiency.

4884. Whiptail of cauliflower occurs due to the deficiency of ?

Ans. Mo deficiency.

4885. Tea yellow disease occurs due to ?

Ans. S deficiency.

4886. Failure of terminal bud and root tip due to ?

Ans. Ca deficiency.

4887. Osmotic regulation is maintained by the element ?

Ans. K+.

4888. Die back of citrus occurs due to ?

Ans. Cu deficiency.

4889. Brittle leaf occurs due to ?

Ans. Ca deficiency.

4890. Little leaf of cotton occurs due to the deficiency of ?

Ans. Zn deficiency.

4891. High lime requirement crops are ?

Ans. Soybean & Sugarbeet.

4892. Problems of soils are highest in ?

Ans. Uttar Pradesh,

4893. Alluvial soils are dominant in ?

Ans. Uttar Pradesh.

4894. If $pH < 8.5$, $EC > 4$ (dS/m), $ESP < 15\%$ the soil be ?

Ans. Saline.

4895. If $pH > 8.5$, $EC < 4$ (dS/m), $ESP > 15\%$ the soil will be ?

Ans. Alkali.

4896. If $pH < 8.5$, $EC > 4$ (dS/m), $ESP > 15\%$ the soil be ?

Ans. Saline Alkali.

4897. Leaching is used for the treatment of ?

Ans. Saline soils.

4898. Gypsum is used for the reclamation of ?

Ans. Alkali soils.

4899. Lime stone is used for the reclamation of soils ?

Ans. Acidic soils.

4900. Growing of green manure crops and decomposed in the same field called as ?

Ans. In situ green manuring.

4901. Highly salt tolerant crops are ?

Ans. Barley, Sugarbeet.

4902. Acid tolerant crop is ?

Ans. Rice.

4903. The soils which have $pH < 4.0$ are known as ?

Ans. Cat soils.

4904. The soils which have organic matter +Na are known as soils. ?

Ans. Black alkali soils.

4905. Potato scab disease is favoured by soils ?

Ans. Alkaline soils.

4906. Example of insitu green manuring ?

Ans. Sunhemp, Dhaicha, Clusterbeans.

4907. Term genetics given by ?

Ans. Bateson (1905) .

4908. Chromosome named by ?

Ans. Waldayer.

4909. First used X-rays as mutation ?

Ans. Muller.

4910. The lines are homozygous and homogenous in nature called as ?

Ans. Pure line.

4911. Allo Hexaploidy found in ?

Ans. Wheat.

4912. Autopolyploidy found in ?

Ans. Sugarcane, Cotton, Brassica.

4913. Autotetra ploidy found in ?

Ans. Potato, Coffee.

4914. Autotriploidy found in ?

Ans. Banana.

4915. Two lines different for a single locus called ?

Ans. Iso genic line.

4916. If Embryo originates from unfertilized egg process called ?

Ans. Parthogenesis.

4917. Biosuper is ?

Ans. Rock phosphate+ Sulphur + S Oxidizing bacteria (Thiobacillus).

4918. The term Germplasm was first used by ?

Ans. Weismann.

4919. Change in the genome with reference to individual chromosomes called as ?
Ans. Aneuloidy.
4920. Repeated crossing of hybrid progeny back to one of its parents called as ?
Ans. Back cross.
4921. If a single gene governing multiple traits, it is called as ?
Ans. Pleiotrophy.
4922. Embryo development without fertilization is called ?
Ans. Apomixis.
4923. Conversion factor for % P is ?
Ans. % P = % P₂O₅ x 0.43.
4924. Conversion factor for % P₂O₅ is ?
Ans. % P₂O₅ = % P x 2.29.
4925. Father of Hybrid cotton ?
Ans. C.T. Patel.
4926. First hybrid of rice was developed by ?
Ans. Y.L. Ping (China).
4927. First transgenic plant was developed by ?
Ans. Fraley (1983) Tobacco.
4928. Laws of heredity were first discovered by ?
Ans. Mandel.
4929. Tift 60 is an important source of male sterility in ?
Ans. Sorghum.
4930. Centers of origin was first given by ?
Ans. Vavilov.
4931. NBPGR established in ?
Ans. 1976.
4932. The term genetic resources was coined by ?
Ans. Frankel.
4933. The term parthogenesis was coined by ?
Ans. Owen.
4934. Development of seed by self pollination refers to ?
Ans. Autogamy.
4935. Often cross pollinated crops are ?
Ans. Cotton, Sorghum P.Pea.
4936. Concept of pure line theory was developed by ?
Ans. Johanson.
4937. Term heterosis was coined by ?
Ans. Shull.
4938. Jagannath is a mutant variety of ?
Ans. Rice.
4939. A nullisomic individual is represented by ?
Ans. 2n - 2.
4940. Conversion values for % K ?
Ans. % K = % K₂O x 0.83.
4941. Glyphosate is a herbicide ?
Ans. Non selective.
4942. Indian mustard is ?
Ans. Brassica juncea.
4943. Mass flow is affected by ?
Ans. Transpiration.
4944. Carbon content in organic matter is ?
Ans. 58%.
4945. Desi cotton is known as ?
Ans. Gossypium arboretum.

4946. Metric suction is measured by ?

Ans. Tensiometer.

4947. Nitrogen bio-fertilizer for wheat is ?

Ans. Azotobacter.

4948. Brix measures in terms of ?

Ans. TSS.

4949. Verticillium wilt is used in soils ?

Ans. Black cotton soils.

4950. Design used when fertility gradient is in two directions ?

Ans. LSD.

4951. Conversion values for % K₂O ?

Ans. %K₂O = %K x 1.20.

4952. K and Na is determined by -----
----- ?

Ans. Flame photometer.

4953. Segregation occurs during ?

Ans. Meiosis only.

4954. The longest mitotic phase is ?

Ans. Prophase.

4955. Tetrad is seen in ?

Ans. Pachytene .

4956. Chiasma is seen during ?

Ans. Diplotene.

4957. Multi lines in wheat are produced by ?

Ans. Back cross breeding.

4958. Phyllody disease in plants is caused by ?

Ans. Mycoplasma.

4959. -----of rice due to excess of H₂S ?

Ans. Akoichi.

4960. Silicon is essential for ?

Ans. Rice and Maize.

4961. Richest source of vitamin C is ?

Ans. Barbados cherry.

4962. Most prominent soil group of India ?

Ans. Alluvial soil.

4963. Pajaro is a variety of ?

Ans. Strawberry.

4964. Highest contribution to vegetable oil is ?

Ans. Groundnut.

4965. Explosive fertilizer is ?

Ans. Ammonium nitrate.

4966. Most mutation tolerant are ?

Ans. Polyploids.

4967. Inflorescence of cauliflower is known as ?

Ans. Cyme.

4968. White grubs prefer to lay eggs on ?

Ans. Sandy soil.

4969. Inflorescence of cabbage is known as ?

Ans. Cat ken.

4970. Micro nutrient deficient in India ?

Ans. Zn.

4971. Mantek disease of rice is caused by ?

Ans. Rice root nematode.

4972. International pest is ?

Ans. Schistocerca gregaria.

4973. The first Fisheries University was ?

Ans. CIFE, Mumbai.

4974. Pusa snowball is a variety of ?

Ans. Cauliflower.

4975. The second Indian recipients of world food prize was ?
Ans. Dr. Varghese Kurien.
4976. Spike tooth harrow is a ?
Ans. Secondary tillage implement.
4977. Club root of cauliflower is caused by ?
Ans. Plasmodiophara brassicae.
4978. Early variety of ber ?
Ans. Gola, Seb.
4979. Feni (drink) is prepared by ?
Ans. Cashew apple & coconut.
4980. Sago is prepared from ?
Ans. Roots of cassava/Tapioca.
4981. The variety of wheat which is resistant to all the three rusts is ?
Ans. Chotilerma.
4982. In sugarcane, taking of ratoon crop is advisable only for ?
Ans. One time.
4983. Cider is prepared by ?
Ans. Apple and Pear.
4984. Vector of leaf curl disease in Cotton ?
Ans. White flies.
4985. 'Flared square' symptoms seen in cotton due to the ?
Ans. Spotted boll worm.
4986. The number of electrons required for conversion of NO_3^- to NH_4^+ ?
Ans. 8.
4987. Conversion of fat to sugar occurs in ?
Ans. Glyoxysomes.
4988. The primary acceptor of electron in PS II is ?
Ans. Pheophytin.
4989. Gneiss is a rock ?
Ans. Metamorphic.
4990. Under the USDA system, silt is classified as having a particle size of ?
Ans. 0.02 to 0.002 mm
4991. Hygroscopic water is held at a tension of atmosphere ?
Ans. 31 or more.
4992. Kaolinite is a layer silicate type ?
Ans. 1 : 1 type.
4993. Clays are minerals ?
Ans. Secondary.
4994. The hard fruits of citrus are due to the ?
Ans. Boron deficiency.
4995. CAN is -----fertilizer ?
Ans. Neutral.
4996. Most widely used additive for correcting soil acidity is ?
Ans. Lime.
4997. TSS OF Jam ?
Ans. 68%
4998. TSS OF Jelly ?
Ans. 65%
4999. TSS of Sauce ?
Ans. 25%
5000. TSS of RTS ?
Ans. 10

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