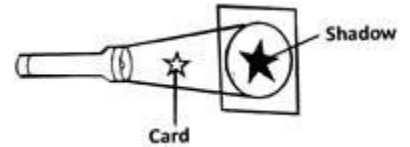


12. The circulation of water between ocean and land is a continuous process known as _____.

- a. transpiration b. evaporation c. condensation d. water cycle

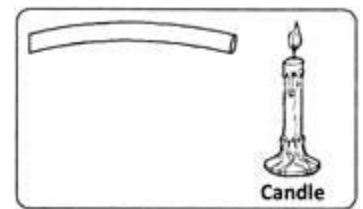
13. A torch is shone onto a star-shaped card which forms a shadow on the screen behind the card. What will happen to the shadow if the torch is moved away from the card?

- a. It decreases in size. b. It increases in size.
c. It first becomes smaller and then again becomes larger.
d. It changes its shape.



14. You cannot see the flame of a burning candle by looking through a bent pipe. This is because of _____

- a. light gets bent along the pipe. c. light gets reflected.
b. light travels in a straight line. d. light gets absorbed.



15. The first link in all food chains is _____.

- a. herbivores b. carnivores c. plants d. omnivores

16. Iron is a _____.

- a. mineral b. fat c. vitamin d. protein

17. Which of the following is not a matter?

- a. water b. air c. sound d. fruits

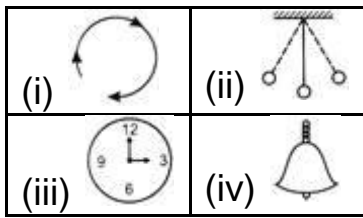
18. In plants, respiration occurs _____

- a. during the day only b. during the night only
c. during day and night d. only when the photosynthesis does not takes place

19. Which of these will always be translatory motion?

- a. periodic motion b. rectilinear motion
c. rotational motion d. all of these

20. Which of the following motions is/are periodic as well as oscillatory motion?



- a. (i), (ii) and (iii) b. (ii) only c. (i), (iii) and (iv) d. (iii) only

PART- II

II. Answer all the questions in a sentence.

(11X2=22)

21. Why do organisms need food? Give two reasons.

22. Name four deficiency diseases in human.

23. State any two differences between fibre and yarn.

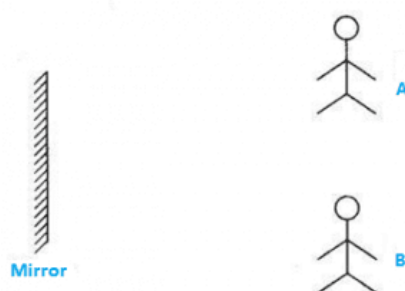
24. Why is an iron rod used in construction does not shine?

25. Draw the structure of the respiratory organ in plants.

26. Compare the motion of the bicycle and ceiling fan that has been switched on.

27. The distances between Radha's home her school is 3250m. Express this distance into km.

28. A and B are facing the mirror and standing in such a way that A can see B and B can see A. Explain this phenomenon.



29. List any two properties of a shadow.

30. Distinguish between miscible and immiscible liquids.

31. If you have ever seen an ambulance, the word 'AMBULANCE' is written in the form of mirror image in vehicles. Why is it so?

III. Answer all the questions briefly.

(6X3=18)

32. Tasty food is not always nutritious and nutritious food may not always be tasty to eat. Comment with example.

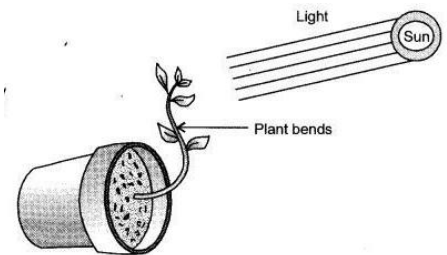
33. Mention the steps involved in the process of making cotton clothes.

34. Observe the diagram given aside and answer the following questions.

a. Name the phenomenon.

b. How will you classify this phenomenon based on the light source?

c. Identify the feature of the living things.

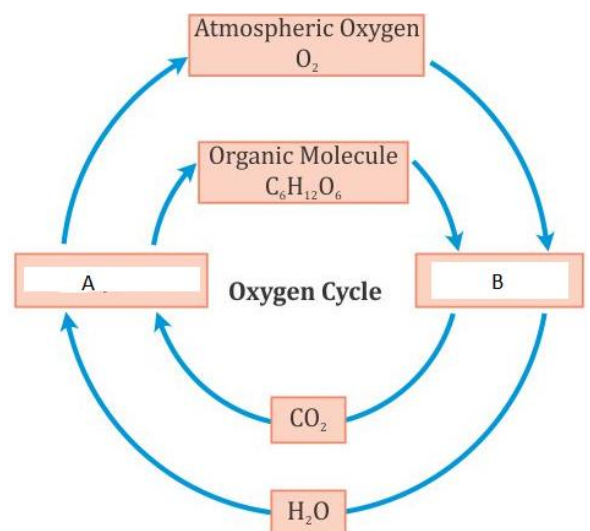


35. State any three differences between image and shadow.

36. a. Label A and B given in the cycle.

b. Why is oxygen cycle important in our life?

37. Define density. How it is related to floating and sinking in water?



IV. Give detail answer for the following questions: (4X5=20)

38. What type of motion do the following objects have?

- a. The galloping of a horse.
- b. The needle of a sewing machine.
- c. The blade of an electric fan.
- d. Wheels of moving car.
- e. Pendulum of a clock

39. a. State the significance of the following vitamins.

- i. Vitamin A
- ii. Vitamin C
- iii. Vitamin D
- iv. Vitamin K

(OR)

b. What is food chain? Explain with an example.

40. Explain that light has the property of rectilinear propagation with an activity.

41. Name the three states of matter. Explain about the arrangement of molecules in it.

