

**Subject: Science**

Worksheet No: 5(**Getting to know plants**)

Grade: 6

**State True or False**

- (a) If a plant has fibrous root, then leaves will show parallel venation.
- (b) Stem transport the food from leaves to the other parts of the plants.
- (c) Leaves absorb Oxygen in the process of photosynthesis.
- (d) Herbs are plants with strong stems.
- (e) The part of a leaf which it is attached to the stem is called lamina.
- (f) Lemon plant is a Shrub plant.
- (g) Strawberry is a climber while gourd is a creeper.
- (h) The root transports water and minerals to all parts of the plant.
- (i) The part of ginger that we use as food is an underground stem.
- (j) The flat and yellow portion of the leaf is called lamina.
- (k) Transpiration increases the moisture in the air.

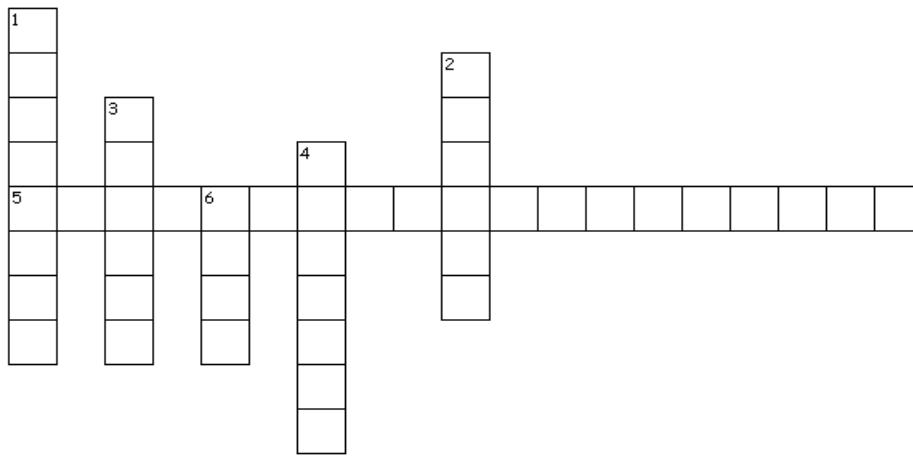
**Fill in the Blank**

- 1. The design made by the veins in a leaf is called the \_\_\_\_\_.
- 2. The process of leafs absorbing Water and carbon dioxide from the air to produce is called \_\_\_\_\_.
- 3. Plants having reticulate venation has \_\_\_\_\_ roots.
- 4. The food prepared by leaves is stored as \_\_\_\_\_.
- 5. mango plant is a \_\_\_\_\_.
- 6. \_\_\_\_ and \_\_\_\_ are parts of stamen.
- 7. The region of attachment of the leaf with the stem is called the \_\_\_\_\_.
- 8. Water comes out of leaf in form of vapour by a process called \_\_\_\_\_.
- 9. Plants which cannot stand upright have modifications of the stem. These modifications of the stem are called \_\_\_\_\_.
- 10. The thick vein in the middle of the leaf is called \_\_\_\_\_.
- 11. Turnip plant has a \_\_\_\_\_ venation.
- 12. The food that the leaf prepares is a kind of sugar called \_\_\_\_\_ and provides food to the entire world.
- 13. In flowering plants, \_\_\_\_\_ take part in the reproduction. \_\_\_\_\_ are the male parts of the flower.

**Match the column**

Column A	Column B
plants which have branches at the base are	creepers
Plants with weak stem that cannot stand upright and spreads on the ground	shrubs
Plants which are very tall and have hard and thick brown stem	Herbs
Plants with green and tender stems	Trees
Plants who take support of neighbouring structures and climb up	climbers

**Solve the below crossword**



**Across**

5. comes out of leaves in the form of vapour and this is called

**Down**

- 1. Arrangement of veins on the leaf
- 2. This part of flower has stigma, style ovary
- 3. This part of flower has anther and filament
- 4. Root has parallel venation
- 6. It holds the plant upright

**Give one-word answers.**

- 1. The part of the plant that remains under the soil
- 2. A plant whose stem performs the activity of preparation of food
- 3. A plant found in deserts whose stem can store water for a long time
- 4. The narrow and short stalk to which the lamina of a leaf is attached
- 5. The kind of venation in a barley plant
- 6. The brightly coloured and scented part of a flower that helps in reproduction
- 7. The female part of the flower
- 8. The part of the female reproductive system of the flower which receives the pollen grains from the anthers

**Match the columns.**

- 1. maize      a. fleshy stem
- 2. carrot      b. modified stem
- 3. banyan      c. fibrous roots
- 4. ginger      d. tap root
- 5. cactus      e. prop roots

**Choose the most appropriate answers.**

- 6. Which one of these is a modified stem?
  - a. Potato      b. Carrot      c. Turnip      d. Lemon
- 7. What fixes the plant firmly in the ground?
  - a. Rocks      b. Soil      c. Roots      d. None of these
- 8. Which type of roots help plants to remain upright?
  - a. Tap roots      b. Fibrous roots      c. Prop roots      d. None of these
- 9. Which one of the following is not a stem?
  - a. Potato      b. Onion      c. Cactus      d. Carrot
- B. Label the following parts of a flower.**
  - a. Stigma      b. Petal      c. Sepal
  - d. Ovary      e. Ovules

