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NCERT Class VI Science Solutions: Chapter 6 – Getting to Know Plants Part 1

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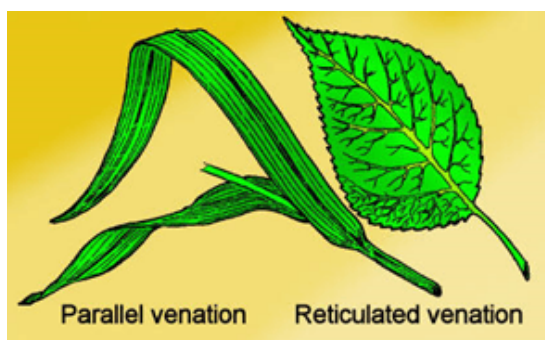
MULTIPLE CHOICE QUESTIONS

Question 1:

Which of the following combination of features would you observe in grass?

1. Parallel venation and fibrous root.
2. Parallel venation and tap root.
3. Reticulate venation and fibrous root.
4. Reticulate venation and tap root.

Answer: A



Fibrous root



Question 2:

Which of the following is the correct match between the characteristics of stem and the category of plant?

1. Weak stem which cannot stand upright: Creeper
2. Green tender stem: Shrub
3. Thick, hard stem with branching near the base: Tree
4. Thick, hard stem with branches high on the plant: Herb

Answer: A

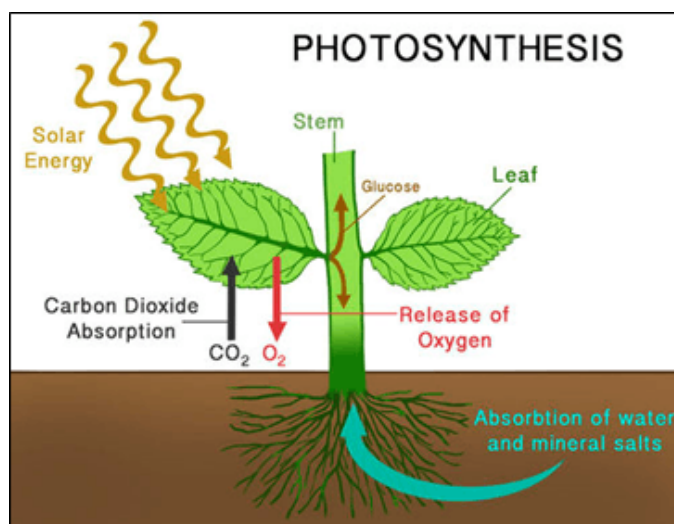
Question 3:

Which of the following is not the primary function of stem?

1. Conduction of water

2. Photosynthesis
3. Formation of branches
4. Bears flowers and fruits

Answer: B



Question 4:

Which of the following is not a correct match?

1. Petiole: attaches leaf to stem
2. Lamina: green flat part of leaf
3. Margin: gives shape to the leaf
4. Veins: transpiration

Answer: D

Question 5:

Read the following sentences about photosynthesis:

1. Sunlight, carbon dioxide, chlorophyll and water are necessary.
2. Oxygen is absorbed.

3. Leaves carry out photosynthesis.

4. Proteins are made during photosynthesis.

Choose the correct pair of sentences that are true to photosynthesis

1. (iii) and (iv)

2. (i) and (iii)

3. (ii) and (iv)

4. (i) and (iv)

Answer: B

Question 6:

Which of the following terms constitute the female part of the flower.

1. Sepals, petal and stamen

2. Stigma, style and ovary

3. Ovary, stamen and stigma

4. Ovary, style and stamen

Answer: B

The female parts of a flower

- The female part of the flower is made up of three main sections, the *stigma*, *style* and *ovary*. The receptive *stigma* serves as the “landing pad” for the male pollen. The *style* holds up the *stigma* and the *ovary* is the “house” for fertilisation and the seed. Together they are known as the *Carpel*

