

Worksheet

Class: VI

Chapter 7 & 9`

Subject: Science



NOTE: MUST BE SOLVED IN SCIENCE NOTEBOOK ONLY

Multiple choice questions

Q.1 The process of loss of water from leaves is called_

- a) respiration
- b) transpiration
- c) photosynthesis
- d) none of these

Q.2 Plants having parallel venation have_

- a) tap root
- b) fibrous root
- c) prop root
- d) All types of root

Q.3 A tomato plant is a

- a) Herb
- b) Shrub
- c) Tree
- d) Root

Q.4 A thick vein in the middle of the leaf known as

- a) Big rib
- b) mid rib
- c) Petiole
- d) main root

Q.5 Although organisms die, their kind continues to live on earth. Which characteristic of living organisms makes this possible?

- (a) Respiration
- (b) Reproduction
- (c) Excretion
- (d) Movement

Q.6 Which of the following combination of features would you observe in grasses?

- a) Parallel venation and fibrous root
- b) Parallel venation and tap root
- c) Reticulate venation and fibrous root
- d) Reticulate venation and tap root

Q.7 Which of the following is correct match between the characteristics of stem and category of plant?

- a) Weak stem which cannot stand upright: creeper
- b) Green tender stem: Shrub
- c) Thick hard stem with branching near the base: Tree
- d) Thick hard stem with branches high on the plant: Shrub

Q.8 Which of the following is not a correct match?

- a) Petiole: attaches leaf to stem
- b) Lamina: Green flat part of leaf
- c) Margin: Gives shape to leaf
- d) Veins: Transpiration

Q.9 Read the following sentences about photosynthesis

- (i) Sunlight, CO₂, chlorophyll and water are necessary
- (ii) Oxygen is absorbed
- (iii) Leaves carry out photosynthesis
- (iv) Proteins are made during photosynthesis

Choose the correct pair of sentences that is true to photosynthesis

- a) (iii) & (iv)
- b) (i) & (iii)
- c) (ii) & (iv)
- d) (i) & (iv)

Q.10 Which of the following terms constitute the female part of the flower?

- a) Sepals, petal and stamen
- b) Stigma, style and ovary
- c) Ovary, stamen and stigma
- d) Ovary, style and stamen

Q.11 Which of the following is not natural habitat?

- (a) A desert with camels
- (b) A pond with fishes
- (c) A jungle with wild animals
- (d) Zoo

Q.12 Following are some features of plants.

- (i) They lose a lot of water through transpiration.
- (ii) Their leaves are always broad and flat.
- (iii) They lose very little water through transpiration.
- (iv) Their roots grow very deep into the soil.

Which of the combination of above features are typical of desert plants?

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

Q.13 Boojho comes across an animal having a stream-lined body and gills. What is the habitat of the animal?

- (a) Water
- (b) Desert
- (c) Grassland
- (d) Mountain

Q.14 Which of the following is not an example of response to stimulus?

- (a) Watering in mouth when we see delicious food items.
- (b) Closing of leaves of Mimosa plant when touched.
- (c) Shutting our eyes when an object is suddenly thrown in our direction.
- (d) A chick hatching out of an egg.

Fill in the blanks with the appropriate terms that are listed below:

[Anther , male, ovary, ovule, petals, stamen, filament, pistil]

- 1) Sepals,A....., stamens andB..... are the parts of a flower.

- 2) Stamen is made up ofC.....andD..... and it represents the E..... parts of a flower.
- 3) The female part of the flower is called theF.....
- 4) The basal, swollen part of the flower is called theG.....
- 5) Ovary contains theH.....

Short answer type questions

Q. 1. Mention one adaptation present in the following animals.

- (a) In camels to keep their bodies away from the heat of sand.
- (b) In frogs to enable them to swim.
- (c) In dolphins and whales to breathe in air when they swim near the surface of water.

Q.2. Some desert plants have very small leaves whereas some others have only spines. How does this benefit the plants?

Diagram based questions

Q.1 Observe the given image. Identify the habitats of the animals given in image write the adaptation found in the animals to survive in their habitats.



(A)



(B)

Q.2 Label the different parts of leaf:

