

Plant Morphology MCQs

1. Water is absorbed by

- a. Root cap
- b. Root apex
- c. Root hairs
- d. Root

2. Roots that develop from plant parts other than the radicle are

- a. Epicaulous
- b. Fibrous
- c. Adventitious
- d. Epiphyllous

Also Read: [Morphology of Leaf](#)

3. Pneumatophores occur in plants of

- a. Marshy soil
- b. Saline soil
- c. Water
- d. Sandy soil

4. Food present in bulbil occurs in

- a. Root
- b. Petiole
- c. Leaf base
- d. Stem

5. Sweet potato is a modification of

- a. Leaf
- b. Primary root
- c. Adventitious root
- d. Underground root

6. Phyllotaxy is

- a. Folding leaf in the bud
- b. Arrangement of leaves on the stem
- c. Both (1) and (2)
- d. None

Also Read: [Root Modifications](#)

7. Winged petiole is found in

- a. Acacia
- b. Peepal
- c. Citrus
- d. Radish

8. _____ is the characteristic of monocot plants

- a. Stilt roots
- b. Taproots
- c. Fibrous roots
- d. Annulated roots

9. Which root modification does not store food?

- a. Stilt
- b. Conical
- c. Napiform
- d. Tuberous

10. Bulbils participate in

- a. Vegetative reproduction
- b. Sexual reproduction
- c. Respiration
- d. Transpiration

11. Nodulated roots enrich the plant with

- a. Proteins
- b. Fats
- c. Carbohydrates
- d. Food

12. _____ is the edible part of a banana

- a. Epicarp and mesocarp
- b. Epicarp
- c. Mesocarp and less developed endocarp
- d. Endocarp and less developed mesocarp

13. Which plant has all roots?

- a. Podostemon
- b. Utricularia
- c. Lemna
- d. Wolffia

Also Read: [Parts of Plants](#)

14. Velamen takes part in

- a. Exchange of gases
- b. Transpiration
- c. Absorption of moisture from the air
- d. Absorption of water from the soil

15. Leaves are attached to the stem at

- a. Internode
- b. Nodes
- c. Apical meristem
- d. Axillary meristem

16. _____ plants have root pockets

- a. Opuntia
- b. Capparis
- c. Banyan
- d. Eichhornia

17. Turmeric is a stem because

- a. It grows parallel to the soil surface
- b. It stores food material
- c. It has chlorophyll
- d. It has nodes and internodes

18. Vivipary is the characteristic of

- a. Mesophytes
- b. Xerophytes
- c. Hydrophytes
- d. Halophytes

19. The outer covering of the epiphytic root is

- a. Rhizophore
- b. Osmophore
- c. Pneumatophore
- d. Velamen

20. A root hair does not contain

- a. Vacuole
- b. Chloroplast
- c. Cell wall
- d. Nucleus

Also Read: [Root System](#)

Answer key

1-c	2-c	3-a	4-c	5-c	6-b	7-c	8-c	9-a	10-a
11-a	12-c	13-a	14-c	15-b	16-d	17-d	18-d	19-d	20-b