

BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

MORPHOLOGY OF FLOWERING PLANTS

One Mark Questions And Answers

1. What is pulvinus?



2. Define morphology.



Watch Video Solution

3. What are adventitious roots?



Watch Video Solution

4. What is a leaf lamina?



5. What is a bract? Watch Video Solution 6. What is a staminode? **Watch Video Solution** 7. What are parthenocarpic fruits?

8. What is Zygomorphic flower?

Watch Video Solution

9. What is double fertilization?



10. What are aggregate fruits?



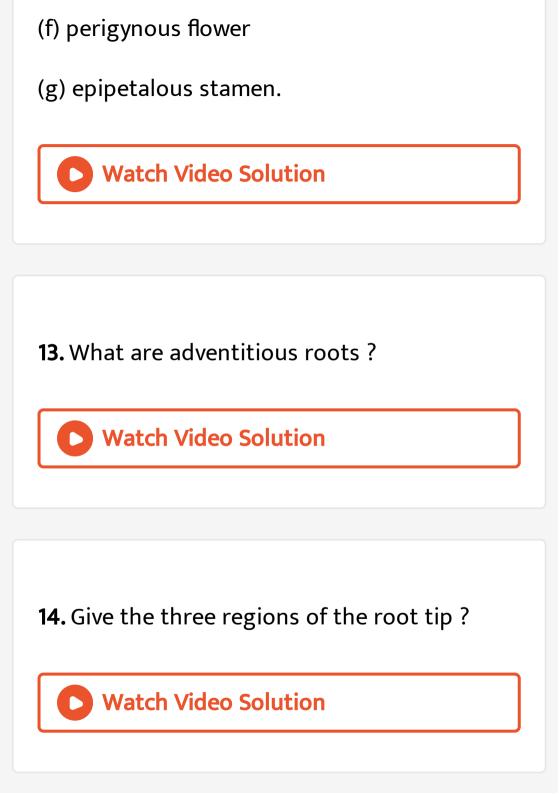
11. What is a bract?



Watch Video Solution

12. Define the following terms:

- (a) aestivation
- (b) placentation
- (c) actinomorphic
- (d) zygomorphic
- (e) superior ovary



15. What is a lateral flattened photosynthetc structure borne on the stem called?



Watch Video Solution

16. What are the three main parts of a leaf?



Watch Video Solution

17. Define venation?



18. Name the venation seen in (a) dicot leaf (b) monocot leaf.



Watch Video Solution

19. What is inflorescence?



20. What type of floral succession is seen in (a) racemose (b) cymose.



Watch Video Solution

21. Name the inflorescence where the main axis shows unlimited growth.



Watch Video Solution

22. What is a perianth?



23. What is aestivation?



24. What is a staminode?



25. What is monoadelphous? Give an example.



26. What is diadelphous condition ? Give examples.



Watch Video Solution

27. What is polyadelphous? Give an example.



28. Name the parts of carpel.



Watch Video Solution

29. What is apocarpous? Give an example.



Watch Video Solution

30. What is syncarpous? Give an example.



31. What is placentation?



Watch Video Solution

32. Name any four types of placentation.



Watch Video Solution

Two Mark Questions And Answers

1. What are node and internodes?



2. What is root cap? What is its function?



Watch Video Solution

3. What is a petiole? Mention the function of petiole.



4. What is a seed ? What are the two major parts of seed ?



Watch Video Solution

5. What are trimerous flowers ? Which group of plants has trimerous flowers ?



6. Differentiatebetween Hypogynous and Epigynous flowers.



7. What is a flower? Write the essential parts of a flower.



8. What is Placentation? List the types.

- 9. With reference to fertilization explain:
- (a) Triple fusion (b) Double fertilization.



- **10.** Justify the following statements on the basis of external features:
- (i) Underground parts of a plant are not

always roots.

(ii) Flower is a modified/shoot.



Watch Video Solution

11. How is a pinnately compound leaf different from a palmately compound leaf?



Watch Video Solution

12. Differentiate between:

(a) Racemose and cyose inflorescence.

- (b) Fibrous root and adventitious root.
- (c) Apocarpous and syncarpous ovary.



Three Mark Questions And Answers

1. Explain with suitable examples, the different types of phyllotaxy.



Five Mark Questions And Answers

1. Mention the characteristics of root system. Add a note on its function.



2. Define root. Write briefly the types of root system.



3. Describe the various types of placentations found in flowering plants.



Watch Video Solution

4. Define the term inflorescence. Explain the basis for the different types inflorescence in flowering plants.

