



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

MORPHOLOGY OF FLOWERING PLANTS

One Mark Questions And Answers

1. What is pulvinus ?



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2. Define morphology.



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3. What are adventitious roots ?



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4. What is a leaf lamina ?



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5. What is a bract ?



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6. What is a staminode ?



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7. What are parthenocarpic fruits ?



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8. What is Zygomorphic flower ?



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9. What is double fertilization ?



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10. What are aggregate fruits ?



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11. What is a bract ?



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12. Define the following terms :

(a) aestivation

(b) placentation

(c) actinomorphic

(d) zygomorphic

(e) superior ovary

(f) perigynous flower

(g) epipetalous stamen.



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13. What are adventitious roots ?



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14. Give the three regions of the root tip ?



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



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



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17. Define venation ?



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



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19. What is inflorescence ?



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



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



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22. What is a perianth ?



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23. What is aestivation ?



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24. What is a staminode ?



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25. What is monadelphous ? Give an example.



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26. What is diadelphous condition ? Give examples.



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27. What is polyadelphous ? Give an example.



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28. Name the parts of carpel.



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29. What is apocarpous ? Give an example.



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30. What is syncarpous ? Give an example.



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31. What is placentation?



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32. Name any four types of placentation.



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Two Mark Questions And Answers

1. What are node and internodes ?



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



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



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



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



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6. Differentiate between Hypogynous and Epigynous flowers.



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



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8. What is Placentation ? List the types.



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9. With reference to fertilization explain :

(a) Triple fusion (b) Double fertilization.



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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.



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



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12. Differentiate between :

(a) Racemose and cyose inflorescence.

(b) Fibrous root and adventitious root.

(c) Apocarpous and syncarpous ovary.



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Three Mark Questions And Answers

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



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Five Mark Questions And Answers

1. Mention the characteristics of root system.

Add a note on its function.



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



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



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



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