



BIOLOGY

BOOKS - SUPER COMPANION 5 IN 1

ANATOMY OF FLOWERING PLANTS

One Mark Questions And Answers

1. Define a tissue ?



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2. Mention a simple living mechanical tissue ?



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3. Define meristems ?



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4. What is a collateral vascular bundle ?



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5. What is a open type of vascular bundle ?



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6. what is closed type of vascular bundle ?



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7. what is an exarch condition of xylem ?



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8. What is an endarch condition of xylem ?



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9. What are tyloses ?



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10. Give one example for secondary meristem .



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11. Name a vascular bundle which has cambium in it ?



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12. name the simple dead mechanical tissue of plants.



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13. Name the type of cells present in vascular cambium .



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14. Name the only living component of xylem ?



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15. What are complementary cells ?



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16. Name the simple living tissue in plants.



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17. Why is vascular bundle of monocot stem called closed vascular bundle ?



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18. What are trichomes ?



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19. Name the meristem that gets developed in the cortex during the secondary growth ?



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20. What do you mean the hypostomatic condition ?



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21. Where do you find bulliform cells ?



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22. What is meant by amphistomatic condition ?



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23. What is a simple permanent tissue ?



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24. What is a complex permanent tissue ?



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25. Name a dead mechanical tissue.



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26. Living mechanical tissue is



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27. Where are bulliform cells present ?



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Two Mark Questions

1. Write any four functions of parenchyma tissue



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2. Mention any four salient features of parenchyma tissue .



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3. Mention the differences between parenchyma and Sclerenchyma ?



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4. differentiate between protoxylem and metaxylem .



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5. Mention the xylem elements .



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6. Name the phloem elements .



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7. Write a brief note on periderm.



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8. Mention the types of selereids.



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9. Sketch and label T-S of storge parenchyma.



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10. Differentiate between Sieve tube Cells and Trachea.



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11. Draw a neat labelled diagram of T-S of Angular Collenchyma.



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12. Mention the differences between isobilateral leaf and dorsiventral leaf.



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13. Where do you find passage cells ? What are the functions ?



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14. Why are xylem and phloem called complex tissues ?



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Five Marks Questions

1. What are meristems ? With a neat labelled diagram , explain the different types of meristems based on their position in the plant body .



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2. Explain the structure and functions of Parenchyma.



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3. With the help of a neat labeled diagram, explain structure and any one function of collenchyma.



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4. Describe a water conducting tissue ?



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5. explain the internal structure of dorsiventral leaf with an neat labelled diagram .



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6. state the location and function of different types of meristems.



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7. with a neat labelled diagram, explain phloem tissue.



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