



Octahedral classes, kharadi
2nd floor, yashwant plaza, near bank of India,

Class 09 - Science
tissue

Maximum Marks: 40

Time Allowed: 1 hour and 30 minutes

General Instructions:

ANSWER ALL QUESTIONS

Section A

- | | |
|---|---|
| 1. Where is apical meristem found? | 1 |
| 2. Classify epithelial tissues on the basis of arrangement of layers. | 1 |
| 3. What is the function of WBC. | 1 |
| 4. Which type of connective tissue has fibreless matrix? | 1 |
| 5. Which tissue in plants provides them flexibility? | 1 |
| 6. What minerals is the bone matrix rich in? | 1 |
| 7. Name the muscle of heart. | 1 |
| 8. Name the living component common to both the complex permanent tissues found in plants. What is its function? | 1 |
| 9. What are vascular bundles? | 1 |
| 10. What does a neuron look like? | 1 |
| 11. What stimulates the movement of muscles? | 1 |
| 12. Give the name of the connective tissue lacking fibres. | 1 |
| 13. Which tissue is commonly known as "Packaging tissue" ? | 1 |
| 14. Which type of epithelium is present in the organs where exchange of substances takes place? | 1 |
| 15. Which type of WBC is most abundant in lymph? | 1 |
| 16. Which tissue protects the entire body? | 1 |
| 17. Which part of an actively growing root takes up most of water from soil? | 1 |
| 18. Define the term "tissue". | 1 |
| 19. What does a neuron look-like? | 1 |
| 20. Whom do we call "islands in the sea of death" ? | 1 |
| 21. Write a short note on 'phellogen'. | 2 |
| 22. How are messages conveyed from one place to another within the body? | 2 |
| 23. If a potted plant is covered with a glass jar, water vapours appear on the walls of the glass jar. Explain why? | 2 |
| 24. What is the utility of tissues in multi-cellular organisms? | 2 |
| 25. Describe the function of bones. | 2 |
| 26. Name the following:- | 2 |
| (a) Tissue that forms the inner lining of our mouth. | |
| (b) Tissue that connects muscle to bone in humans. | |
| (c) Tissue that transports food in plants. | |
| (d) Tissue that stores fat in our body. | |
| (e) Connective tissue with a fluid matrix. | |
| (f) Tissue present in the brain. | |
| 27. Mention two differences between blood platelets? | 2 |
| 28. Differentiate between voluntary and involuntary muscles. Give one example of each. | 2 |
| 29. A person met with an accident in which two long bones of the hand were dislocated. What could be the reason? | 2 |
| 30. Why are plants and animals made of different types of tissue? | 2 |

