



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

