

CELL AND TISSUE (IX)

1. What is cell theory? Who proposed it? Who expanded it what was this expansion?
2. Why are cells called semi permeable membrane?
3. Differentiate between osmosis and endocytosis?
4. What is plasmolysis? Why does a plant cell not burst in excess water?
5. What is chromatin and nucleoid?
6. What is membrane biogenesis? Explain function of ER.
7. Why are lysosomes known as suicide bags?
8. Name the organelles which have their own DNA and ribosomes.
9. What is cell sap? List its main functions.
10. Differentiate between animal and plant tissues.
11. Draw a neat labelled diagram of meristematic tissue.
12. What is differentiation? Give an example.
13. Compare Parenchyma, Collenchyma and Sclerenchyma.
14. What is suberin and lignin?
15. Differentiate between xylem and phloem.
16. Name different epithelial tissues and write their location in the body.
17. Name some connective tissues and their matrix.
18. Differentiate between areolar and adipose tissues.
19. What is the specific function of the cardiac muscles?
20. What are macro nutrients and why are they called so?
21. How does the cork act as a protective tissue?