

Science IX- Fundamental unit of life

1. Name two cells that can change shape.
2. What is cell theory? Who proposed it and who further expanded it?
3. What do you understand by selectively permeable membrane?
4. Differentiate between osmosis and endocytosis.
5. Explain hypertonic solution with the help of example.
6. What is chromatin and nucleoid?
7. What is membrane biogenesis? Explain the function of ER.
8. What is cell sap? List its main functions.
9. Plasma membrane is made up of _____.
10. The plant cell wall is made up of _____.
11. To see the cell clearly, we put some solutions. Name three of them.
12. What is the functional segment of DNA?
13. Differentiate between Prokaryotic and Eukaryotic cell.
14. Why is mitochondria called the powerhouse of the cell?
15. What is leucoplast and stroma?
16. Explain the function of vacuoles.
17. What role does SER play in animal cells?
18. Name some substances stored in vacuoles.
19. List the functions of Golgi apparatus.
20. Where is chlorophyll located in photosynthetic prokaryotic cells?