

# CELLS – FUNDAMENTAL UNIT OF LIFE (IX)

1. He observed cells first time in cork-----
2. He observed living cells in pond water-----
3. He observed first time nucleus in the cells-----
4. Cell theory proposed by -----and -----
5. Gave expansion in cell theory-----
6. Name two chlorophyll containing unicellular organism-----
7. Plasma membrane is made up of -----
8. Why the cell is called the structural and functional unit of life?
9. What is endocytosis? Give an example.
10. What is plasmolysis? Give an example.
11. Which type of cell can bear more hypotonic solution without bursting, give reason?
12. What is DNA? Write its main function?
13. What is nucleoid? Explain its main function?
14. Where does chlorophyll located in photosynthetic prokaryotes?
15. Why RER does call rough endoplasmic reticulum? Explain its main function.
16. What is membrane biogenesis?
17. What role SER plays in animal cell?
18. Write main function of Golgi apparatus?
19. Explain the structure of mitochondria and write the reason behind this?
20. What is stroma?
21. Write main similarity between mitochondria and plastids?
22. Name some substances stored in vacuoles?
23. Differentiate between cytoplasm and protoplasm?

24. What are suicidal bags? Why is it called so?

25. Name the location where enzymes of lysosomes synthesize?