

4. What do you know about arbor vitae ?
5. Distinguish between diabetes insipidus and diabetes mellitus.
6. Write the names of any four mononuclear phagocytes.
7. Name the yellow mass of cells accumulated in the empty follicle after ovulation. Name the hormone secreted by it. What is its function ?
8. What is 'Amniocentesis' ? Name any two disorders that can be detected by amniocentesis.
9. What is Apiculture ?
10. What is popularly called 'Guardian Angel' of Cell's Genome ?

SECTION – B

Note : Answer any SIX questions in 20 lines each.

6 × 4 = 24

11. Draw a neat labelled diagram of L.S. of a tooth.
12. Describe disorders of respiratory system.
13. Write short notes on the ribs of human being.
14. Write short notes on B-Cells.
15. How is sex determined in human beings ?
16. (a) Define Biogenetic Law, giving an example.
(b) Define atavism with an example.
17. Write a short on Neo-Darwinism.
18. Discuss in ^{of}brief^x about 'Avian Flu'.

SECTION – C

Note : Answer any TWO questions in 60 lines each.

2 × 8 = 16

19. Explain the Physiology of Urine formation.
20. Describe male reproductive system of a man. Draw a labelled diagram of it.
21. What are multiple alleles ? Describe multiple alleles with the help of ABO blood groups in man.