



Date: 25-10-2018
Time: 09:00-12:00

Dept. No.

Max. : 100 Marks

PART-A

Answer ALL questions:

(10 ×2=20)

1. What is Eukaryote?
2. What is Annular phase plate?
3. Comment on Cell birth.
4. What is Peroxisomes?
5. Define Carcinogenesis.
6. What is Cell theory?
7. State the functions of Electron microscope.
8. What is mRNA?
9. What is DNA repair?
10. Comment on Metaplasia.

PART-B

Answer any FOUR of the following questions:

(4 ×10=40)

11. Illustrate the Structure of Animal Cell with suitable diagram.
12. Give an account on principle and applications of Scanning Electron Microscope.
13. Write a brief account on the structure and their functions of Endoplasmic Reticulum.
14. Write brief notes on Cell Signalling.
15. Explain in detail about Tumour Suppressor Genes
16. Write short notes on structure of DNA.

PART-C

Answer any TWO of the following questions:

(2 × 20=40)

17. Explain the types of Centrifuge and its uses.
18. Write an essay on Meiosis and its significance.
19. Highlight the steps involved in DNA replication.
20. Write an essay on Cancer cells.
