

Subject: ZOOLOGY:

Class: 11th

Maximum Marks: 35.

Section: A

1. What does the term Triploblastic mean? 1.
2. What is Histology? 1.

Section: B

3. Define National Parks. Name some National Parks of J&K. 2.
 4. Write a note on Amino Acids. 2.
- Or
- Write a note on Oligosachrides. 2.
5. Draw a well labeled diagram of Nephron. 2.
 6. Mention four characteristics of Annelida. 2.

Section: C

7. Differentiate between Chondrichthya and Osteichthyes. 3.
8. Describe the structure of Mitochondria. 3.
9. What are vascular tissues? Differentiate between blood and lymph. 3.
10. Describe the structure of alimentary canal of Cockroach. 3.
11. What is double circulation? Explain the automatic rhythmicity (working) of human heart. 3.

Or

- What is excretion? Explain the process of Physiology of excretion in human beings. 3.

Section : D

12. Schematically represent the various stages of mitosis. 5.
- Or
- What are nucleic acids? Draw the structure of double helix model of DNA as proposed by Watson And Crick. 5.
13. Explain the system of ETS and Oxidative phosphorylation. 5.
- Or
- What are Hormones? Name the hormones produced by the Pituitary gland. Explain the role of ADH and Oxytocin produced by Posterior Pituitary gland. 5.