

[illegible]

- a) Carbohydrates
- b) Chiasmata
- c) Characteristics of phylum Arthropoda
- d) Differentiate between spermatogenesis and oogenesis
- e) Systematics and Taxonomy
- f) Lysosomes
- g) Ectoparasites
- h) Amplexus
- i) Bone
- j) Liver fluke

SECTION-B

2. What are lipids? Explain their types.
3. What is mitosis? Give an account of its various stages.
4. What is Binomial nomenclature? Write various rules of binomial nomenclature.
5. Explain digestive system of ruminant with help of suitable diagram.
6. Explain the structure and functions of mitochondria.

SECTION-C

7. Give an account of development of frog upto three germ layers.
8. Write note on :
 - a) Epithelial tissues
 - b) Muscular tissues
9. Give characteristics and examples of Phylum :
 - a) Porifera
 - b) Echinodermata
 - c) Chordata
 - d) Mollusca
 - e) Platyhelminthes

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