

SEMESTER-1 [Important Questions]

UNIT-I :-

Short Questions :-

- 1x Pseudopodia & types
- 2x Flagella & types
- 3x Malaria
- 4x Binary fission
- 5x Conjugation
- 6x Metagenesis
- 7x Spicules
- 8x Amphiblastula larva
- 9x Amoebiasis
- 10x Giardiasis
- 11x Leishmaniasis

Long Questions :-

- 1x Life Cycle of Elphidium (from reproduction) ?
- 2x Ultrastructure of flagellum & cilia
- 3x Reproduction in protozoans
- 4x Sol gel theory
- 5x Canal System in sponges
- 6x Spicules - formation & types
- 7x General characters & classification of protozoa & porifera

UNIT-II :-

Short Questions :-

- 1x Anthozoa
- 2x Scyphozoa
- 3x Hydrozoa
- 4x Polyp / Hydranth
- 5x Gonangium / Blastostyle
- 6x Nematocyst / cnidoblast cells
- 7x Structure of Medusa & polyp
- 8x Maracidium larvae
- 9x Sporocyst
- 10x Cercariae larvae
- 11x Cyclopes

Long Questions :-

- 1x Life Cycle of Obelia
- 2x Corals - Formation & types
- 3x Coral reef formation - types & theories
- 4x Polymorphism - types of polyp, medusa & theories
- 5x Histology of Obelia colony
- 6x Life Cycle of Schistosoma
- 7x Life Cycle of Dracunculus
- 8x Parasitic adaptation in helminthes
- 9x General characters & classification of Cnidaria, platyhelminthes, Nematohelminthes

UNIT - III :-

Short Questions :-

- 1x Botryoidal tissue
- 2x Nephridiophores / Nephridia
- 3x Metamerism
- 4x Coelome
- 5x Mysis larva
- 6x Nauplius larva
- 7x Metamorphosis
- 8x Zoea larva
- 9x Statocyst
- 10x Antennary glands
- 11x Omatidium
- 12x Hepato-pancreas
- 13x Branchiostegite
- 14x Epipodites
- 15x Gills

Long Questions :-

- 1x Digestive system of leech
- 2x Reproductive system of leech
- 3x Excretory system of leech
- 4x Nervous system
- 5x Haemocoelomic system
- 6x Evolutionary significance of coelomoducts, coelome, Metameris

7. Appendages in prawn.

8. Digestive system of prawn.

9. Circulatory system in prawn.

10. Respiration in prawn.

11. Crustacean larvae.

12. Peripatus structure & affinities.

13. General characters & classification of Annelida, Arthropoda?

UNIT - IV :-

Short Questions :-

1. Aquatic respiration in Pila / ctenidium.

2. Gastropoda.

3. Cephalopoda.

4. Metapodite.

5. Tiedemann's body.

6. Pollen vesicle.

7. Bipinnaria larva.

8. Brachiolaria larva.

Long Questions :-

1. Digestive system of Pila.

2. Respiration in Pila.

3. Pearl formation in Pila.

4. Torsion & detorsion.

5. Water vascular system in starfish.

6. Larval stages of Echinoderms.

7. General characters & classification of Echinoderms.

8. General characters & classification of Mollusca.