

SEMESTER II
INVERTEBRATA II (ANNELIDA TO ECHINODERMATA)
SUB CODE: 16SCCZO2

UNIT I
PART-A (2-MARKS)

1. Annelida
2. Triploblastic,
3. Metameric segmentation,
4. Setae
5. Parapodia,
6. Polychacta,
7. Oligochacta,
8. Sanguivorous,
9. Hirudin.

PART-B (5-MARKS)

- 1) Habit, Habitat of Annelida with 2 examples.
- 2) Economic importance of earthworm.
- 3) Economic importance of earthworm in agriculture.
- 4) Economic importance of Leech.
- 5) Habit, Habitat & distribution of earthworm.
- 6) Habit, Habitat & distribution of leech.
- 7) Explain the leech as surgical agent.
- 8) Enlist any 6 characters of phylum Annelida.
- 9) Explain Earthworm



10) Explain Leech

PART-C (10-MARKS)

- 1) Give the distinctive characters of Annelida.
- 2) Describe habit, habitat & distribution of any 2 annelids.
- 3) Give the economic importance of earthworm.
- 4) Give the economic importance of leech

UNIT II

PART-A (2-MARKS)

- 1) Arthropoda,
- 2) Ecdysis
- 3) Sericulture,
- 4) Lac culture
- 5) Appendages

PART-B (5-MARKS)

- 1) Animal diversity in Arthropoda.
- 2) Habit, Habitat of phylum Arthropoda with 2 examples.
- 3) Species of silkworm
- 4) Sericulture
- 5) Silk production in India
- 6) Uses of silk
- 7) Prawn fishery
- 8) Lac culture & their uses
- 9) Properties of lac & lac industries in India.



10) Enlist any 6 characters phylum Arthropoda

11) Explain Crab

12) Explain Centipede

13) Explain Millipede

PART-C (10-MARKS)

1. Give the distinctive characters of Arthropoda

2. Describe habit, habitat & distinctive characters of any 2 Arthropoda.

3. Give the economic importance of Silkworm

4. Give the economic importance of prawn fishery

5. Give the economic importance of lac insect

UNIT III

PART-A (2-MARKS)

1. Mollusca

2. Shell

3. Pila

4. Pearls

5. Chiton

6. Octopus

PART-B (5-MARKS)

1. Habit, Habitat of phylum Mollusca with 2 examples

2. Pearl formation

3. Types of pearls



4. Culture of pearls
5. Pearl producing animal & composition of pearl.
6. Economic importance of shell
7. Harmful Mollusca
8. Enlist any 6 characters of phylum Mollusca

PART-C (10-MARKS)

- 1) Give the distinctive characters of Mollusca
- 2) Describe habit, habitat & distribution of any two Molluscs
- 3) Give the economic importance of Molluscs
- 4) What is pearl? Explain the pearl formation.

UNIT IV

PART-A (2-MARKS)

1. Echinodermata,
2. Habit,
3. Habitat
4. Starfish
5. Brittle star
6. Antedon
7. Sea cucumber

PART-B (5-MARKS)

1. Habit, Habitat of Echinodermata with 2 examples
2. Economic importance of echinoderms
3. Useful activities of echinoderms



4. Harmful activities of echinoderms
5. Enlist any 6 characters of phylum Echinodermata

PART-C (10-MARKS)

1. Give the distinctive characters of Echinoderms.
2. Describe habit, habitat & distribution of any two Echinoderms.
3. Give the economic importance of Echinoderms
4. Explain General characters of Phylum Mollusca.
5. Explain Economic importance of Mollusca.
6. Explain the larval forms of echinoderms.
7. Detailed Study Star fish
8. Detailed Study Sea urchin.
9. Water vascular system in Echinoderms

UNIT V

PART-A (2-MARKS)

1. Minor phyla
2. Ctenophora
3. Rotifera
4. Chaetognatha
5. Sipunculida

PART-B (5-MARKS)

1. General character of minor phyla?
2. Detailed study of Ctenophora
3. Detailed study of sipunculida



4. Explain classification of minor phyla

PART-C (10-MARKS)

1. General characters of Minor Phyla with examples

2. Explain the minor phyla.

3. Explain Ctenophora.

4. Explain about Sipunculida.

5. Detailed Study and affinities: Rotifera,

6. Detailed Study Chaetognatha

