



K25U 3384

Reg. No. :

Name :

First Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Supplementary)
Examination, November 2025
(2019 to 2023 Admissions)

COMPLEMENTARY ELECTIVE COURSE IN ZOOLOGY
1C01 ZLG : Diversity of Life I – Protistans and Non Chordates

Time : 3 Hours

Max. Marks : 32

I. **Essay** questions. Answer **any two**. **(2×6=12)**

- 1) Describe water vascular system in Echinoderms.
- 2) With a neat labelled diagram, explain the digestive system of *Penaeus*.
- 3) Write an essay on beneficial insects.
- 4) Explain the salient features of Phylum Cnidaria. Add notes on peculiar features of *Physalia*.

II. **Short Essay** questions. Answer **any two**. **(2×3=6)**

- 5) Explain sexual dimorphism and parasitic adaptations of *Ascaris*.
- 6) Write notes on *Schistosoma*.
- 7) Explain salient features of Protista.

III. **Short Answer** questions. Answer **any six**. **(6×2=12)**

- 8) What is uropod ? Mention its function.
- 9) What is choanocyte ? Mention its significance.
- 10) Enlist any four salient features of Class Cestoda.
- 11) Highlight any four economic importance of Mollusca.
- 12) What is vermiculture ? Mention its significance.
- 13) Provide a brief account of *Nereis*.
- 14) What is red tide ?
- 15) Enlist the blood feeding adaptations of leech.

P.T.O.



IV. **Multiple Choice** questions. **All** questions are **compulsory**. (4×0.5=2)

- 16) An endoparasitic nematode inhabiting the lymphatic system of man is
a) *Planaria* b) *Wuchereria* c) *Taenia solium* d) *Ascaris*
- 17) Green gland is the excretory organ of
a) *Limulus* b) *Noctiluca* c) Starfish d) *Penaeus*
- 18) A pseudocoelomate animal is
a) Starfish b) *Penaeus* c) *Octopus* d) *Ascaris*
- 19) Radial symmetry is found in
a) Mollusca b) Arthropoda c) Annelida d) Echinodermata
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