



Reg. No. :

Name :

I Semester B.Sc. Degree (CBCSS- Supplementary / Improvement)

Examination, November-2019

(2014-2018 Admissions)

CORE COURSE IN ZOOLOGY

1B01ZLG: PROTISTA AND NON CHORDATA - I

Time : 3 Hours

Max. Marks : 40

- I. Answer any **one** (1×8=8)
- 1) Classify Phylum Platyhelminthes upto classes giving suitable examples.
 - 2) Briefly explain the life cycle of Plasmodium vivax.
- II. Answer any **one** (1×8=8)
- 3) Explain polymorphism in coelenterates with suitable examples and well labelled diagrams.
 - 4) Write an essay on the canal system in sponges.
- III. Answer any **two** (2×4=8)
- 5) Write a short note on the Euplectella.
 - 6) Write short notes on Ascaris.
 - 7) Write notes on Physalia.
- IV. Answer any **five** (5×2=10)
- 8) Write short note on Ancylostoma.
 - 9) Write notes on gemmules in Poriferans.
 - 10) What is polyembryony? Give an example.

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- 11) Give the salient features of Phylum Rotifera.
- 12) Write short note on Vorticella.
- 13) Write a short note on Cnidocytes.
- 14) Differentiate between eucoelomate and pseudocoelomate with an example.
- 15) Write short notes on Enterobius.
- 16) Write notes on Amphiblastula larvae.

V. Answer any four (4×1=4)

- 17) Who proposed the Five Kingdom and Eight kingdoms Classification?
- 18) What is schizocoelic coelom? Give an example.
- 19) What is digenetic parasite? Give an example.
- 20) What are Schuffner's dots?
- 21) What are protostomes? Give examples.
- 22) What is bilateral symmetry? Give an example.

VI. Answer all questions (2×1=2)

23) Fill in the blanks:

- a. ----- is the secondary host of Liver Fluke.
- b. Red tide is caused by -----
- c. ----- is known as "Bell animalcule".
- d. ----- is known commonly as "Pin worm".

24) Match the following:

- | | |
|-------------------|--------------|
| a. Paramecium | Protista |
| b. Echinococcus | Ctenophora |
| c. Chaetonotus | Cestoda |
| d. Cydippid larva | Gastrotricha |
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