

Reg. No. : .....

Name : .....

I Semester B.Sc. Degree (CCSS – Regular) Examination, November 2014  
(2014 Admn.)

CORE COURSE IN ZOOLOGY  
1B01 ZLG : Protista and Non Chordata

Time: 3 Hours

Max. Marks : 40

I. Answer **any one** : (1×8=8)

- 1) Write an essay on polymorphism in coelenterates.
- 2) Classify phylum Porifera up to classes, giving salient features and examples.

II. Answer **any one** : (1×8=8)

- 3) Write an essay on Nematode parasites.
- 4) Explain the locomotion in protists.

III. Answer **any two** : (2×4=8)

- 5) Briefly explain the rules of Zoological Nomenclature.
- 6) Explain the life history of obelia.
- 7) Write a short note on minor phyla.

IV. Answer **any five** : (5×2=10)

- 8) Give an account of five kingdom classification.
- 9) Explain the types of cells found in sponges.
- 10) List the features of Dinoflagellata.
- 11) What do you mean by molecular systematic ?
- 12) Write a brief note on Mesozoa.
- 13) Describe the nutrition in paramecium.



- 14) Distinguish between mesozoa and metazoan.
- 15) Write a short note on Blood fluke.
- 16) Mention the features of kingdom Animalia.
- 17) Classify phylum cnidaria and gives examples.

V. Answer **any four** :

(4×1=4)

- 18) What is sexual dimorphism ? Name an animal which shows it.
- 19) Name the larval stages of *Fasciola hepatica*.
- 20) What are trichocysts ?
- 21) What is a monogenetic parasite ? Give an example.
- 22) Which sponge is called venus flower basket ?
- 23) What is syngamy ?

## VI. Answer the following :

(2×1=2)

- 24) a) Ascaris is commonly called \_\_\_\_\_
- b) \_\_\_\_\_ is the intermediate host of Fasciola.
- c) Five kingdom classification proposed by \_\_\_\_\_
- d) \_\_\_\_\_ is called Portuguese man of war.

## 25) Match the following :

- |                 |             |
|-----------------|-------------|
| i) Osculum      | Paramecium  |
| ii) Cnidoblast  | Sponge      |
| iii) Trichocyst | Physalia    |
| iv) Gastrozoid  | Sea Anemone |
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