



K16U 2518

Reg. No. :

Name :

**I Semester B.Sc. Degree (CCSS – Reg./Supple./Improv.)
Examination, November 2016
CORE COURSE IN ZOOLOGY
1B01 ZLG : Protista and Non Chordata
(2014 Admn. Onwards)**

Time : 3 Hours

Total Marks : 40

I. Answer **any one** :

(1×8=8)

- 1) Write an essay systematics in zoology.
- 2) Describe the morphology and structural organization of paramecium.

II. Answer **any one** :

(1×8=8)

- 3) Classify phylum Platyhelminthes up to classes. Mention the features of the classes and give examples.
- 4) Write an essay on helminth parasites.

III. Answer **any two** :

(2×4=8)

- 5) Briefly explain the erythrocytic cycle of plasmodium.
- 6) Explain the features of aschelminthes.
- 7) Write a short note on ctenophora.

IV. Answer **any five** :

(5×2=10)

- 8) Describe the pathogenicity of malarial parasite.
- 9) Write a short note on pin worm.
- 10) Sketch and label cnidoblast.
- 11) List the salient features of anthozoa.
- 12) Give an account of polymorphism in physalia.

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- 13) Sketch and label flame cell of planaria.
- 14) What are coral reefs ?
- 15) Write a brief note on the spicules of sponges.
- 16) Describe the features of rotifera.
- 17) Classify Protista down to phyla. Give examples.

V. Answer **any four** :

(4×1=4)

- 18) What is mesogloea ? Mention the functions.
- 19) What is archeocyte ?
- 20) What are flame cells ?
- 21) What is regeneration ?
- 22) Name the class in which physalia belongs.
- 23) What is the scientific name of round worm ?

VI. Answer the following :

(2×1=2)

- 24) a) Dactylozooids are concerned with
- b) Amphiblastula is the larva of
- c) Vorticella belongs to the phylum
- d) _____ is called liver fluke.

25) Match the following :

- | | |
|------------------|------------|
| i) Metagenesis | Madrepora |
| ii) Canal system | Plasmodium |
| iii) Sporogony | Obelia |
| iv) Horn coral | Sponge |