

Bachelor of Science (B.Sc.I) First Semester (Old Course)
Zoo-01 - Zoology Paper-I
(Life and Diversity of Animals (Protozoa-Annelida))

P. Pages : 2

Time : Three Hours



GUG/W/18/1222

Max. Marks : 50

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- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw well labelled diagrams.

1. Give details accounts on life cycle of plasmodium. 10

OR

- a) General characters of Porifera. 5
- b) Life cycle of obelia. 5

2. Give details accounts on life cycle of Taenia solium. 10

OR

- a) Trochophore larva. 5
- b) Reproductive system of Leech (Female) 5

3. Attempts the following. 10

- a) Endomixis.
- b) Amphiblastula larva.
- c) Rhabditiformes
- d) Digestive system of leech (Diagram only)

OR

- e) Trypanosoma.
- f) Medusae
- g) Control measures of Ancylostoma.
- h) Cocoon formation.

4. Attempt the following : 10

- a) Draw well labelled diagram of Sporozoites.
- b) Choanocytes.
- c) Cysticercus larva
- d) Vermiculture method.

OR

- e) Trychocysts.
- f) Spongocoel
- g) Bladderworm
- h) Jaws of leech

5. Write four or five lines on the following. 10

- i) Micropyle.
- ii) Micronucleus
- iii) Diarrhoea
- iv) Colenocytes
- v) Ostia
- vi) Rhagon
- vii) Ootypes
- viii) Mehlis gland
- ix) Gonopore
- x) Crops
- xi) Suckers of leech
- xii) Ootheca
