

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

- 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
