

B.Sc. (Part - I)(With Credits)-Regular-Semester 2012 Sem. I  
**Zoo-01 - Zoology Paper - I (Life and Diversity of Animals  
(Protozoa To Annelida))**

P. Pages : 2

Time : Three Hours



**GUG/W/16/3324**

Max. Marks : 50

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

1. Give a detailed account on Asexual phase of Life Cycle of plasmodium in man. 10

**OR**

a) Leuconoid type of canal system. 5

b) Life cycle of obelia. 5

2. Describe in detail female Reproductive System of Ascaris. 10

**OR**

a) Testicular nephridia. 5

b) Methods of Vermicomposting. 5

3. Attempt the following. 10

a) Amoebiasis.

b) Choanocyte.

c) Scolex

d) Significance of Trochophore Larva.

**OR**

e) Gametogony.

f) Gonozoid.

g) Mature Proglottid.

h) Advantages of Vermiculture.

4. Write short note on. 10

a) Binary Fission.

- b) T. S. of Sycon (Draw well labelled diagram only)
- c) Wuchereria.
- d) Ootheca formation.

**OR**

- e) Significance of Conjugation.
- f) Medusa (Draw well labelled diagram only)
- g) Onchosphere
- h) Vermiwash.

**5.** Write four or five lines on the following **any ten**.

**10**

- i) Pellicle
- ii) Oocyst
- iii) Conjugant
- iv) Osculum
- v) Stomoblastula
- vi) Blastostyle
- vii) EMST
- viii) Apolysis
- ix) Taeniasis
- x) Sanguivorous
- xi) Epididymis
- xii) Worm feed.

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