

Bachelor of Science (B.Sc.-I) (CBCS Pattern) First Semester
USZOT01 / USCZOT01 - Zoology Core Paper-I
(Animal Diversity of Non-Chordates (Phylum - Protozoa to Annelida))

P. Pages : 1

GUG/W/18/11564

Time : Three Hours



Max. Marks : 50

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

1. Write a detail account of Locomotory organelles in protozoan. 10

OR

Write notes on:

- a) General characters of Porifera. 5
- b) Asexual reproduction in paramecium. 5

2. Give an account of alternation of generation in obelia. 10

OR

Write notes on:

- a) Nematocyst. 5
- b) Coral reef. 5

3. Explain life history of Ascaris Lumbricoides. 10

OR

Write notes on:

- a) Proglottids in Taenia solium. 5
- b) Bladder worm. 5

4. Describe the Digestive system of Hirudin aria (Leech). 10

OR

Write notes on:

- a) Testicular nephridium. 5
- b) Copulation, fertilization and cocoon formation in leech. 5

5. Write 4 to 5 lines on followings **any ten**. 10

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|------------------------------|---------------------|
| i) Syngamy | ii) Conjugation |
| iii) Ostia | iv) Atoll reef |
| v) Somersaulting | vi) Peris arc |
| vii) Region of proliferation | viii) Cyst |
| ix) Strobilla | x) Suckers of Leech |
| xi) Clitellum | xii) Nephridiopores |
