

B.Sc. (CBCS Pattern) Sem-I
**USZOT01 / USCZOT01 - Zoology Paper-I (Animal Diversity of Non-Chordate
(Protozoa to Annelida))**

P. Pages : 1

Time : Three Hours



GUG/W/22/11564

Max. Marks : 50

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Draw a well labelled diagram whenever necessary.

1. Write an essay on process of Conjugation in paramecium. 10

OR

Answer the following:

- a) Write an essay on Internal Structure of Sycon. 5
- b) Give an account on Canal System in Sycon. 5

2. Describe in detail the structure of Obelia colony. 10

OR

Answer the following

- a) Polymorphism in Hydrozoa 5
- b) Locomotion in Hydra. 5

3. Write an essay on External Morphology of Taenia Solium. 10

OR

Answer the following:

- a) Male Reproductive system of Taenia Solium. 5
- b) External Features of Female Ascaris. 5

4. Describe in detail Excretory system of Hirudinaria. 10

OR

Answer the following:

- a) External features of Hirudinaria. 5
- b) Alimentary canal of leech. 5

5. Write 4 to 5 lines on the following **any ten**. 10

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|-------------------------|--------------------------|
| i) Pseudopodia | ii) Choanocyte. |
| iii) Cyclosis | iv) Zooids |
| v) Fringing reef | vi) Scyphozoa |
| vii) Digenetic Parasite | viii) Bladderworm |
| ix) Flame cells | x) Testicular nephridium |
| xi) Ootheca | xii) Metamerism |
