

**USZOT01 / USCZOT01 - Zoology Paper-I (Animal Diversity of Non-Chordate
(Protozoa To Annelida))**

P. Pages : 1

Time : Three Hours



GUG/W/23/11564

Max. Marks : 50

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

1. Write an essay on Conjugation process in Paramecium. **10**

OR

- a) Canal system in Sycon. **5**
- b) Flagellar locomotion in Protozoa. **5**

2. Write detail account on life-cycle of Obelia. **10**

OR

- a) Locomotion in Hydra. **5**
- b) Coral Reef. **5**

3. Explain in detail life history of Taenia solium. **10**

OR

- a) Structure of Ascaris lumbricoides. **5**
- b) Parasitic adaptation in Ascaris. **5**

4. Write an account on digestive system of Hirudinaria. Add a note on Digestion. **10**

OR

- a) External morphology of leech. **5**
- b) Cocoon formation in leech. **5**

5. Write 4-5 lines on **any ten**. **10**

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| i) Trichocyst. | ii) Cyclosis. |
| iii) Amoebocytes. | iv) Gonozooids. |
| v) Nematocyst. | vi) Polymorphism. |
| vii) Scolex. | viii) Cysticercus larva. |
| ix) Ascariasis. | x) Hirudin. |
| xi) Pre-testicular Nephridia. | xii) Jaws of leech. |
