

B.Sc.- I (CBCS Pattern) Semester-I
**USZOT01 - Zoology Core Paper-I - Animal Diversity of Non-Chordate - Phylum
Protozoa to Annelida**

P. Pages : 1

Time : Three Hours



GUG/W/24/11564

Max. Marks : 50

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1. Write an essay on conjugation in paramecium. 10
- OR**
- a) Nutrition in Paramecium. 5
b) Canal system in Sycon. 5
2. Describe the life cycle of Obelia. 10
- OR**
- a) Coral reef. 5
b) Nutrition in Hydra. 5
3. Explain in detail life history of Taenia Solium. 10
- OR**
- a) Histology of body wall of Ascaris lumbricoides. 5
b) Parasitic adaptation in Ascaris. 5
4. Describe Excretory system of Hirudinaria. 10
- OR**
- a) External morphology of Hirudinaria. 5
b) Fertilization and cocoon formation. 5
5. Write 4 to 5 lines on the following **any ten**. 10
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|-----------------|--------------------|
| i) Pallicle | ii) Pinacoderm |
| iii) Ostia | iv) Coenosarc |
| v) Medusa | vi) Nematocyst |
| vii) Proglottid | viii) Bladder worm |
| ix) Apolysis | x) Hirudin |
| xi) Prostomium | xii) Crop |
