

B.Sc. (NEP) Semester-I  
**BSCZO501 - Zoology - Life and Diversity of Animals non Chordate**  
**(Protozoa to Annelida)**

P. Pages : 1

Time : Three Hours



**GUG/S/25/15917**

Max. Marks : 40

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1. Write an essay on conjugation in Paramecium. 8
- OR**
- a) Nutrition in Paramecium. 4
- b) Structure of Cilia. 4
2. Give detail account of life cycle of Obelia. 8
- OR**
- a) Write account of locomotion in Hydra. 4
- b) Write note on Coral reef. 4
3. Give detail account of life cycle of Tunicia Solium. 8
- OR**
- a) General characters of Ascaris lumbricoides. 4
- b) Parasitic adaptation of Ascaris lumbricoides. 4
4. Describe in details Excretory system of leech. 8
- OR**
- a) Nervous system of leech. 4
- b) Cocoon formation of leech. 4
5. Answer of the following. 2x4  
=8
- a) Hemixis.
- b) Choanocyte.
- c) Proglottids.
- d) Heteronomous metamerism.

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