

**BSCZO501 - Zoology Core Paper-I - Life and Diversity of Animals non Chordate
(Protozoa to Ammelida)**

P. Pages : 1

Time : Three Hours



GUG/W/24/15917

Max. Marks : 40

1. Describe Locomotory organelles in Protozoa. 8

OR

a) Transverse binary fission in paramecium. 4

b) Histology of body wall of Sycon. 4

2. Describe the life cycle of Obelia. 8

OR

a) Locomotion in Hydra. 4

b) Nematocyst. 4

3. Explain in detail life history of Teania Solium. 8

OR

a) Histology of body wall of Ascaris lumbricoides. 4

b) Parasitic adaptation in Ascaris. 4

4. Describe the Reproductive system of Hirudinaria. 8

OR

a) External morphology of Hirudinaria. 4

b) Cocoon formation in Hirudinaria. 4

5. Write 4 to 5 lines on the following. 8

i) Pseudopodia

ii) Coenosarc

iii) Apolysis

iv) Hirudin
