

B.Sc. (CBCS Pattern) Sem-I
USZOT01 - Zoology Core Paper-I
(Animal Diversity of Non-Chordates (Protozoa to Annelida))

P. Pages : 1

Time : Three Hours



GUG/S/24/11564S

Max. Marks : 50

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

1. Describe structure and functions of locomotory organs of protozoa. 10
- OR**
- a) Canal system in sycon. 5
- b) Nutrition in paramecium. 5
2. Locomotion and Nutrition in Hydra. 10
- OR**
- a) Fringing Reef. 5
- b) Distinguishing characters of Cnidaria. 5
3. Describe the Life History of Ascaris. 10
- OR**
- a) External morphology of Taenia Solium. 5
- b) Development of Taenia Solium in pig. 5
4. Describe in detail Nervous system of Hirudinaria. 10
- OR**
- a) General characteristics of Annelida. 5
- b) Female reproductive system of leech. 5
5. Write four or five lines on each of the following **any ten**. 10
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|-------------------|-------------------------------|
| i) Archeocytes. | ii) Spongocoel |
| iii) Autogamy | iv) Looping |
| v) Barrier Reef | vi) Nematocyst |
| vii) Penial Setae | viii) Rhabditiform larva |
| ix) Apolysis | x) Crop chamber. |
| xi) Oral sucker | xii) Pre-testicular Nephridia |
