

B.Sc. (CBCS Pattern) Semester - I
USZOT01 / USCZOT01 - Zoology- Core Paper-I
(Animal Diversity of Non-Chordate (Protozoa to Annelida))

P. Pages : 1

Time : Three Hours



GUG/S/23/11564

Max. Marks : 50

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answers with diagrams wherever necessary.

1. Give detail accounts on Canal Systems in *Sycon*. 10

OR

Writes notes on-

- a) Locomotion in Protozoa
- b) Conjugation in Paramecium.

2. Give details accounts on Structure and life cycle of *Obelia*. 10

OR

Writes notes on-

- a) Alternation of generation
- b) Coral reefs.

3. Give detail accounts on Structure and Life history of *Ascaris lumbricoides*. 10

OR

Writes notes on-

- a) General characters of *Taenia Solium*
- b) Parasitic adaptations in *Ascaris*.

4. Give an illustrated accounts on Digestive system of *Hirudinaria*. 10

OR

Write notes on-

- a) Nervous system in *Hirudinaria*
- b) Cocoon Formation

5. Write 4 to 5 lines on the following attempt **only 10**. 10

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|-----------------------------|----------------------|
| i) Endomixis | ii) Mesenchymes. |
| iii) Pseudopodia. | iv) Cnidoblast. |
| v) Nematocysts. | vi) Blastostyle. |
| vii) Onchosphere formation. | viii) Apolysis. |
| ix) Bladder worm | x) Suckers of leech. |
| xi) Ootheca | xii) Crop pockets. |
