

B.Sc. - I (C.B.C.S. Pattern) Sem-I
USZOT01 / USCZOT01 - Zoology Core Paper-I
(Animal Diversity of Non-Chordates (Protozoa to Annelida))

P. Pages : 1

Time : Three Hours



GUG/S/19/11564

Max. Marks : 50

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

1. Describe in detail the process of sexual reproduction of paramecium. 10
OR
a) Canal system of sponges. 5
b) Nutrition in paramecium. 5
2. Give detail account of locomotion and nutrition in hydra. 10
OR
a) Life cycle of obelia. 5
b) Zooids of obelia. 5
3. Describe in detail reproductive system of Ascaris. 10
OR
a) External morphology of Taenia Solium. 5
b) Development of Taenia Solium in pig. 5
4. Describe in detail excretory system of Hirudinaria. 10
OR
a) General characters of Annelida. 5
b) Female reproductive system of leech. 5
5. Write four or five lines on each of the following **any ten**. 10
i) Archeocytes ii) Spongocoel
iii) Autogamy iv) Looping
v) Fringing reef vi) Nematocyst
vii) Penial setae viii) Rhabditiform larva
ix) Apolysis x) Crop chamber
xi) Oral sucker xii) Clitellar region
