



B.Sc. V Semester Degree Examination, Sept./Oct. - 2024

ZOOLOGY

DSC-5 : Z.5.1 : Non-Chordates and Economic Zoology

(NEP)

Time : 2 Hours

Maximum Marks : 60

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- Note :** (i) Answer **all** sections.
(ii) Draw labelled diagrams wherever necessary.
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SECTION - A

Answer the following sub-questions.

10x1=10

1. (a) What is the chemical composition of the spicules of sponges ?
(b) In which phylum do you find Mesogloea ?
(c) What are the locomotory organs in the phylum Annelida ?
(d) Mention the respiratory organs in Arthropods.
(e) Which is the second largest phylum in the Animal Kingdom ?
(f) Define mantle.
(g) Define Vermicompost.
(h) What is Termitaria ?
(i) What is the scientific name of Roundworm ?
(j) What do you mean by Conjugation ?

SECTION - B

Answer **any four** of the following questions.

4x5=20

2. Briefly explain the classification of the phylum Protozoa upto classes with examples.
3. Write the salient features of Ctenophora.
4. Explain briefly about the morphology of Pentaceros.
5. Write a short note on Mosquitoes and their control measures.
6. Give the brief account of Ascon type of canal system.
7. Write the salient features of the phylum Arthropoda.



P.T.O.

SECTION - C

Answer **any three** of the following questions.

3x10=30

8. Give the detail account of the life history of Obelia with the help of labelled diagram.
9. Describe the classification of the phylum Annelida upto classes with examples.
10. Explain the nervous system of Pila with a neat labelled diagram.
11. Write an explanatory note on Gundi bug.
12. What is Apiculture ? Explain briefly about the medicinal value of Honey.

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