

B.Sc 1st Semester Sessional Examination, 2023

Subject-Zoology

Paper Code- Zoo-1011

Paper- Core A1: Diversity of Non-Chordates

Full Marks: 30, Time- 1 hr

1. Answer the following (any five): 1×5=5
 - (a) Write two examples of specimen belonging to class Cestoda .
 - (b) Who coined the term Protista?
 - (c) Which class does *Amoeba* belong?
 - (d) What are the different kinds of organisms included in group Protista?
 - (e) Give one example of freshwater sponge.
 - (f) Classification of the phylum Porifera is based on?
2. Write short notes on (any one): 1×5=5
 - (a) Class-Insecta (b) Class-Turbellaria
3. Answer the following (any five): 2×5=10
 - (a) Define integument.
 - (b) What are the different types of pseudopodia found in Protozoa.
 - (c) Write general characteristics of the phylum Porifera.
 - (e) Describe the simple nervous system of Platyhelminthes.
 - (f) State the reasons why Arthropoda constitute the largest phylum in the animal kingdom.
 - (g) Write a short note on the class Calcispongiae.
4. Answer the following (any two): 1×10=10
 - (a) State general characters of phylum Ciliophora and classify the phylum upto classes.
 - (b) Discuss the general characteristics of Platyhelminthes.
 - (c) Mention the general characteristics of Phylum Arthropoda and classify the phylum upto class.