

B.Sc.B.Ed 1st Semester Examination, 2020

Subject: ZOOLOGY

Course: CC 1- ANIMAL DIVERSITY (NON- CHORDATA)

Full Marks: 50

Time: 2 Hrs

Answer any ten (10) questions. 10 x 5 = 50

1. Write down the systematic position of the following animals (upto class)
 - a. Jelly fish
 - b. Liver fluke
 - c. Cuttle fish
 - d. Earth worm
 - e. Urn sponge
2. Give location and function/ significance of any of the two from the following list
 - a. Pinacocyte
 - b. Hexacanth larvae
 - c. Flame cell
3. Write a short note on Locomotion in *Paramecium* sp.
4. Classify Kingdom Protozoa with examples
5. Describe the process of conjugation in Protozoa
6. What is metamerism? Discuss about excretion in Annelids
7. Explain 'Torsion' observed in Gastropods.
8. Describe the canal system found in *Sycon* sp.
9. Give an account of polymorphism in Cnidaria.
10. Distinguish between – a. Protostome & Deuterostome; b. Scyphozoa & Anthozoa
11. Briefly discuss the affinities of Onychopora.
12. Give a brief account of Water Vascular System in *Asterias* sp.

B.Sc.B.Ed 1st Semester Terminal Examination, 20__

Subject: ZOOLOGY

Course: GE 1.1- ANIMAL DIVERSITY (NON- CHORDATA)

Full Marks: 50

Answer any ten (10) questions. 10 x 5 = 50

1. Write the general characteristics of the Phylum Porifera.
2. Classify Annelida (upto class) with example.
3. Give an account of nutrition in *Paramecium* sp.
4. Give Systematic Position of the following animals :-
 - a. Tape worm
 - b. Star fish
 - c. Cockroach
 - d. Octopus
 - e. Leech
5. Give a brief account of coral reef distribution and conservation.
6. What is polymorphism? Where is it found?
7. What are the general parasitic adaptations found in Helminthes?
8. Describe the process of respiration in prawn.
9. Briefly discuss the process of excretion in *Pila* sp.
10. Write a short note on larval forms of Echinodermata.
11. Briefly discuss the structural organization of Onychophora.
12. What is Madreporite? Write the functions of water vascular system in Echinodermata.