

# FIRST MID TERM TEST - AUGUST - 2023

**11 - STD**

**ZOOLOGY**

Time Allowed : 1.30 Hours

Max. Marks : 35

**I Answer all questions.**

**8 X 1 = 8**

1. A group of Organisms having similar traits of a rank is  
a) Species                      b) Taxon                      c) Genus                      d) Family
2. Who coined the term Biodiversity?  
a) Walter Rosen                      b) A.G.Tansley                      c) Aristotle d) A.P.de Candole
3. Sea anemone belongs to phylum  
a) Protozoa                      b) Porifera                      c) Coelenterata d) Echinodermata
4. In which of the following phyla, the adult shows radial symmetry but the larva shows bilateral symmetry?  
a) Mollusca                      b) Echinodermata                      c) Arthropoda                      d) Annelida
5. The ciliated epithelium lines the  
a) Skin                      b) Digestive tract                      c) Gall bladder                      d) Trachea
6. Prevention of substances from leaking across the tissue is provided by  
a) Tight junction                      b) Adhering junction                      c) Gap junction d) Elastic junction
7. Kidney of frog is  
a) Archinephros                      b) Pronephros  
c) Mesonephros                      d) Metanephros
8. The type of vision of Cockroach is  
a) Three dimensional  
b) Two dimensional                      c) Mosaic                      d) Cockroach do not have vision

**II Answer any 4 questions. Q.No.18 is compulsory.**

**4 X 2 = 8**

9. What is Cladogram?
10. What is extremophiles?
11. What is ecdysis?
12. What is Parkinson's disease?
13. What are the components of blood in frog?
14. Define species.

**III Answer any 3 of the following Questions.**

**3 X 3 = 9**

15. What are the basic need for classification?
16. Differentiate between diploblastic and triploblastic.
17. Write the economic importance of frog.
18. Give reason. Cockroaches survive without head.
19. Differentiate between hibernation and aestivation.

**IV. Answer any two of the following questions.(Either or type)**

**2X5=10**

20. What are the rules of Nomenclature? (OR)  
What are the tools for study of taxonomy? Explain.
21. What are the fundamental distinct feature of Chordata? (OR)  
Explain excretory system of cockroach?

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