

B.Sc. DEGREE EXAMINATION, APRIL 2020
I Year I Semester
Allied Zoology-I

Time : 3 Hours

Max.marks :60

Section A ($10 \times 1 = 10$) Marks

Answer any **TEN** questions

1. Automixis
2. Scolex of Taenia Solium
3. Sanguivorous
4. Uropods
5. Monohybrid Cross
6. Albinism
7. Blastopore
8. Blastulation
9. Hibernation
10. Pollution
11. Linkage
12. Polymorphism

Section B ($5 \times 4 = 20$) Marks

Answer any **FIVE** questions

13. Explain the different types of Spicules in Scypha?
14. Explain the mouth parts of cockroach with the neat diagram?
15. Give a brief account on Dihybrid experiment.
16. Briefly explain the cleavage of Amphioxus with diagram.
17. Enumerate the influence of light on organisms.
18. Illustrate the biological effects of Air pollution and methods to control it.
19. Describe the structure of Paramecium.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Draw the life cycle of Plasmodium Vivax.
21. Describe the general character of Phylum Unio and Phylum sea star.
22. Give an account on sex determination and its types.
23. Explain with diagram the process of Gastrulation in Amphioxus?
24. Write a detailed account on water pollution.

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