

B.Sc. DEGREE EXAMINATION, NOVEMBER 2019
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. Trichocyst
2. Automixis
3. Apolysis
4. Honeybee mouth parts
5. Monohybrid Cross
6. Linkage
7. Any 2 effects of light on organisms.
8. Decibel
9. Blastula
10. Fate map
11. Flame cells
12. Mantle

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

Answer any **FIVE** questions

13. Give a short account on *Plasmodium*.
14. Write down the mouth parts of Cockroach.
15. Describe the process of sex determination in man.
16. Discuss the effects of air pollution.
17. Describe the Cleavage in *Amphioxus* egg.
18. Write about the lifecycle of tape worm.
19. Explain the structure of DNA.

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

Answer any **THREE** questions

20. Draw and explain the conjugation of *Paramecia*.
21. Write down the general characters of Annelida and Echinodermata.
22. Give an account on inborn errors of metabolism.
23. Discuss the sources and consequences of water pollution.
24. Explain the process of gastrulation in *Amphioxus*.

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