

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

Time : 3 Hours

Max.marks :60

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

Answer any **TEN** questions

1. Systematic position of Amphioxus.
2. Wheel organ
3. Pigeon milk
4. Quill feather.
5. Nucleus
6. Golgi apparatus diagram.
7. Rheumatic heart.
8. Excretion
9. Lamarckism
10. Darwinism
11. Ischemia
12. Power house of the cell.

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

Answer any **FIVE** questions

13. Write note on primitive characters of Amphioxus.
14. Describe the digestive system of shark.
15. Give an account on thyroid gland.
16. What are the properties of cancer cells?
17. Explain the modern synthetic theory of evolution.
18. Write note on myocardial infarction.
19. Explain the structure of mitochondria.

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

Answer any **THREE** questions

20. Describe the external structure of *Amphioxus* with the neat diagram.
21. Explain the parental care in frog.
22. Write an essay on pituitary hormones.
23. Write a detailed account on mitotic stages with the diagram.
24. Discuss the factors responsible for speciation.

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