

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.

B.Sc.(PBPBT) - END SEMESTER EXAMINATIONS APRIL-2023

SEMESTER - II

20UPBAT2002 - Allied Zoology - II

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the structure of Amphioxus.
2. List the characteristics of Pisces.
3. Show the structure of mitochondria with a diagram.
4. Explain the theory of Lamarkism with example.
5. Describe the parental care in frog.
6. List the types of speciation in evolution.
7. Name two sex hormones and illustrate their functions.
8. Amphibians are adapted to survive in land and water. Justify.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Describe the stages in glomerular filtration with diagram.
10. Classify the types of cancer with their stages in disease progression.
11. Prochordates are the link between invertebrates and vertebrates. Justify.
12. Relate the characteristic features of birds with their mode of life.
13. Evaluate the factors responsible for speciation.
