

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 2025

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. State the role of endostyle and wheel organ of Amphioxus.
2. Explain: oviparous and viviparous in animals.
3. Relate Myocardial infarction to humans.
4. Illustrate and explain the various stages of mitosis.
5. Experiment with the concept of hybridization for speciation.
6. Compute the role of thyroid to adrenal.
7. Compare the different types of tests in cancer diagnosis.
8. Defend the mutation theory of Hugo de Vries.

### **Section C**

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

9. Enumerate the characteristic features of chordata.
10. Analyse the parental care in frog .
11. Deduce the different stages of glomerular filtration.
12. Assess the structure and function of nucleus.
13. Assess the concept of acquired characters to evolution.

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