

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 - NOV'2024

SEMESTER -

**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. What are the three types of Protochordates?
2. Apply poikilotherm and homeotherm to mammalia.
3. Predict the feedback mechanism in pituitary gland.
4. Draw the cell cycle and add foot notes.
5. Infer Neo Darwinism to Darwinism.
6. Assess the respiratory structures of Amphioxus.
7. Relate salient features of pisces to reptilia.
8. Experiment with the different stages in tumour progression.

### **Section C**

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

9. Interpret the affinities between vertebrate to invertebrate.
10. Enlist the characteristic features of aves.
11. Differentiate between rheumatic heart disease to ischemia.
12. Explain the structure and function of mitochondria.
13. Elaborate on the concept of speciation add a note on its types.

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