

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. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - II

20UPBAT2002 - Allied Zoology -II

Total Duration : 3 Hrs		Total Marks : 75
MCQ	: 30 Mins	MCQ : 15
Descriptive	: 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. Write a note on the affinities of Amphioxus.
2. Explain parental care in frog.
3. List down the general characters of Pisces.
4. Write briefly about myocardial infarction.
5. Explain the functions of thyroid hormones.
6. Write short notes on angiogenesis and metastasis.
7. Explain the structure of mitochondria with a diagram.
8. Write an essay on Lamarckism.

Section C

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

9. Pituitary gland is known as master gland. Justify.
10. With suitable illustrations explain the stages of mitosis.
11. Give a comparative account on Darwinism and Neo-Darwinism.
12. Explain the general characters and the adaptive features of Aves.
13. Describe urine formation in kidney with a labelled diagram.