

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 - I

20UPBAT1001 - Allied Zoology - I

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Compare and contrast the general characteristics of Phylum Porifera and Coelenterata.
2. Illustrate the mouth parts of mosquito.
3. Discuss briefly about the structure of DNA.
4. List out the typical chordate characters of Amphioxus.
5. Highlight the factors influencing temperature on organisms.
6. Comment on the Conjugation process of Plasmodium.
7. Give a brief note on the Mendalim and dihybrid ratio with suitable example.
8. Summarize the effects and control of noise pollution.

Section C

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

9. "Plasmodium is a digenic parasite" – Justify the statement.
10. Outline the general characteristic features of Phylum Arthropoda.
11. Describe the structure of chromosome with a neat labelled sketch and add a note on its types.
12. Explain the process of fertilization.
13. Summarize the causes, effects and control of air pollution.
