

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.

M.Sc.PBPBT - END SEMESTER EXAMINATIONS - NOV' 2024

SEMESTER - III

20PPBCT3007 - Ecology and Phytogeography

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. What are the characteristics of ecosystem?
2. Elucidate the importance of phosphorus cycle in ecosystem.
3. Comment on green house gases.
4. Describe the structure of population growth curve.
5. Explain the various theories of continental drift.
6. Write short notes on biotic environments.
7. Describe the major biomes of the world.
8. Explain the concept of endemism and hotspot.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Give an account on abiotic environment with suitable examples.
10. Briefly narrate the various Types of energy flow models.
11. List out the consequences of global warming and its mitigation methods in detail.
12. Write detail notes on most important characteristics of population.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Give an elaborate account on Botanical regions of India.
