

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. (PBPB) END SEMESTER EXAMINATIONS NOVEMBER - 2023

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. Describe the structure of an ecosystem.
2. Explain the causes of greenhouse effect.
3. Classify plant communities.
4. Describe any one botanical region in India.
5. What is an energy flow in an ecosystem?
6. Discuss the international conventions and policies on climate change.
7. Predict the composition of a community.
8. Examine the distribution patterns.

Section C

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

9. Explain the components of an ecosystem.
10. Classify nutrient cycling.
11. Examine the global efforts to save ozone layer.
12. Ascertain the basics of population ecology.

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

13. Differentiate the various phytogeographic regions of the world.
