

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(affiliated to the University of Madras and accredited with 'A+' Grade by NAAC)

Chromepet, Chennai — 600 044.

M.Sc. END SEMESTER EXAMINATION APRIL/NOV - 2021

SEMESTER - III

20PPBCT3007 - Ecology and Phytogeography

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. Explain about Biotic and Abiotic factors.
2. Give in details about Nutrient cycles.
3. What is Biological Monitoring Programmes?
4. Explain population ecology.
5. What is Continental Drift – Give an example
6. Define Vegetation of India give an example
7. Explain threats of ozone protector and give examples.
8. What is energy pyramids give details?

Section C

Part A

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

9. Write an essay on Types of ecosystem and give suitable example .
10. Explain Hydrological and carbon cycle.
11. Explain about Soil and Climatic regions of India.
12. Write an essay on Concept of Ecology and Ecosystem

Part B

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

13. Write pros and cons of Forest and Desert Ecosystem.