

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 - NOV'2024

SEMESTER - IV

20UPBCT4008 - Plant Ecology and Environmental Biotechnology

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

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

1. Explain how Fire affects Vegetation.
2. Describe morphological adaption of Xerophytes.
3. Classify vegetation types of India.
4. Describe Social forestry.
5. What are factors affecting Biomining?
6. Classify Halophytes based on their response to Salinity.
7. Describe about IUCN and Red Data Book.
8. Examine the advantages and disadvantages of Phyto-remediation.

Section C

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

9. Explain how Temperature influences on Vegetation.
10. Relate how the Climax forest formed through Hydrosere with a diagram.
11. Differentiate Deciduous Forest and Grassland.
12. Prepare a List of National Parks in India.
13. Examine the advantages and disadvantages of Biofuel and add a note on Generations of Biofuels.
