

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 soil temperature and soil atmosphere.
2. Illustrate T.S. of Pneumatophore.
3. Classify vegetation types of India.
4. Explain the role of the International Agency for Conservation.
5. Prepare a flow chart for the sewage treatment plant.
6. Classify how light plays an important role in plant life.
7. Explain various stages of xerosere.
8. Distinguish between social forestry and Agroforestry.

Section C

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

9. Explain how Biotic effects modify the vegetation.
10. Classify Hydrophytes and explain different types with a diagram.
11. Ascertain the Scrub jungle of India.
12. Relate Conservation of Biodiversity.
13. Differentiate Bioremediation and Biosorption.
