

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 APRIL-2023

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 the action of wind on vegetation as an ecological factor.
2. Describe the ecological adaptations of hydrophytes.
3. Classify the adaptation of Halophytes characters.
4. Explain the tropical rain forest vegetation.
5. Briefly explain WWF of conservation of Biodiversity.
6. Classify the Social forestry in detail.
7. Explain the Gobar gas production.
8. Differentiate between the Biomass and Biofuel.

Section C

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

9. Explain the influence of biotic factor on vegetation.
10. Classify the types and stages of plant succession.
11. Justify the vegetational types of India.
12. Classify the *insitu* and *exsitu* conservation with suitable examples
13. Evaluate the sewage treatment through Bioremediation Technique.
