

**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. - END SEMESTER EXAMINATIONS NOVEMBER - 2022

SEMESTER - III

20PPBCT3007 - Ecology and Phytogeography

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section A

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

1. Explain Concepts of Ecology and Ecosystem.
2. Illustrate the Energy flow model studied by you.
3. How Carbon dioxide and Carbon monoxide act as pollutants?
4. Explain Clemantsian units of vegetation.
5. What are the floristic regions of India?
6. Describe on the abiotic factors of an ecosystem.
7. Predict the basics of population ecology.
8. Examine Continental drift.

Section B

Part A

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

9. Describe various types of ecosystem studied by you.
10. Discuss about Ozone layer depletion.
11. Explain on the origin and development of a community.
12. Give an account on Phytogeographical regions of World.

Part B

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

13. Examine about Edaphic nutrient cycles.

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