

23BBO402

UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR  
AT THE END OF FOURTH SEMESTER  
BOTANY-PLANT ECOLOGY, BIODIVERSITY AND PHYTOGEOGRAPHY  
(B.Sc. HONOURS-MAJOR)  
(w.e.f. Admitted Batch 2023-24)

Time: 3 Hours

Maximum: 70 Marks

Section-A

Answer any Five Questions.

5x4=20

1. Ecological niche.
2. Population growth curves.
3. Carbon foot prints.
4. Red data book.
5. Principles of Phytogeography.
6. Ecological pyramids.
7. P/R Ratio.
8. Effects of Deforestation.

Section-B

Answer All Questions.

5x10=50

9. a) Explain the different types of Interactions between plants & animals.  
(Or)  
b) Define Ecosystem and explain the different components of Ecosystem.
10. a) Define Ecological succession & Give an account on Xerosere.  
(Or)  
b) Give an account on life form analysis.
11. a) Define Soil erosion. Explain the causes, consequences & controlling measures of it.  
(Or)  
b) Define "Global warming"? Explain the causes & effects of it.
12. a) Define Biodiversity conservation & mention the types of conservation methods.  
(Or)  
b) Give an account on IUCN threat categories.
13. a) Define "Endemism". Describe the types & causes of Endemism.  
(Or)  
b) Describe the Phytogeographic regions in India.

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