

## M.Sc Semester-2 Examination

408

Botany

April-2024

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: All Questions carry equal marks  
Attempt all Questions

Q I	Describe abiotic factors and explain its importance.	14
OR		
Q I	A. Short note on different Ecological pyramids	7
	B. Describe food chain and its types	7
Q II	Describe the process of different types Ecological Succession	14
OR		
Q II	A. Short note on role of biodiversity in ecosystem stability	7
	B. What is plant community? explain it.	7
QIII	Explain the consequences of climate change in recent time.	14
OR		
Q III	A. What is Bioremediation? Explain its types and role.	7
	B. Short note on water pollution, its kinds and sources.	7
Q IV	Applications of remote sensing in Agriculture and disaster management	14
OR		
Q IV	A. Short note on Data acquisition in Remote sensing	7
	B. Explain GPS and its importance	7
Q V	Attempt any 7 out of 12 MCQs/Short question (One- or Two-line answer)/ Fill in the blanks/True or False etc.	14
1	Provide any two objectives of ICZM	2
2	Define GPP and NPP	2
3	Define Niche and Ecotone	2
4	Give full forms of NBA and PBR	2
5	Name any two biodiversity hotspots in India	2
6	Define Speciation and extinction	2
7	Give any two invasive species	2
8	Give any two causes of sea level rise	2
9	Provide full form of RADAR and GPS	2
10	Give any two differences between primary and secondary succession.	2
11	Name any two endangered plant species	2
12	Provide the year and name of the country which introduced EIA	2