

M.Sc Sem-3 Examination

501

Env Science (Biodiversity)

November-2024

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: All Questions carry equal marks
Attempt all Questions

Q I	Explain Significance, magnitude and distribution of biodiversity	14
OR		
Q I	A. Write a note on Biodiversity indices	7
	B. Detail note on uses and threats of biodiversity	7
Q II	Explain in detail about In-vitro Conservation of plant tissue culture with gene bank, pollen and spore bank	14
OR		
Q II	A. Write a note on Ex-Situ Conservation	7
	B. Explain In-Situ Conservation	7
QIII	Explain concepts, distribution and importance of mega-diversity zones	14
OR		
Q III	A. Explain Restoration of Biodiversity	7
	B. Short-note on Biodiversity hotspots, National and global red data lists.	7
Q IV	Explain in detail about Biostatistics	14
OR		
Q IV	A. Short-note on importance of Biodiversity	7
	B. Explain International efforts and issues of sustainability	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	Full form of CITES	02
2	Define Regression	02
3	Full form of IPCC	02
4	Definition of Vulnerability	02
5	Example of Ex-Situ Conservation	02
6	What is Ecological succession	02
7	Explain herbarium	02
8	Full form of WCU	02
9	Explain Abiotic	02
10	Write three uses of biodiversity	02
11	Any two strategies of conservation of Biodiversity	02
12	What is Biodiversity hotspots	02