PRN:		Course Code :	USS407

Second Year **B.Sc.** End Semester Examination Winter 2024

Environmental Science 000633

Day and Date: Mon le 2 DEC 2024 Max Marks: **100**

Time : 02:00PM To 05:00PM Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Define Food chain. Describe any one example of food chain on terrestrial ecosystem.	08	01	CO1
	b)	Define the term Ecosystem. Give examples on Biotic and abiotic components. Explain the multidisciplinary nature of Environmental studies.	08	01	CO2
		OR			
	b)	Define Environmental science. Explain scope and Importance of Environmental studies.	08	01	CO2
Q.2		**Attempt the following**			
	a)	Enumerate briefly functions and benefits from forest.	08	02	CO2
	b)	Discuss land degradation and its effects on environment	08	02	CO2
		OR			
	b)	What is a forest? What are causes and effects of Deforestation?	08	02	CO2
Q.3		**Attempt any two from the following**			
	a)	Explain in details Biodiversity conservation methods	08	02	CO3
	b)	Discuss on various causes for loss of biodiversity.	08	02	CO3
	c)	Describe the Levels of biological diversity with suitable diagram	08	02	CO3
Q.4		**Attempt any two from the following**			
	a)	Define Eutrophication. What are the effects of water pollution in environment	08	02	CO4
	b)	Define primary and secondary air pollutants. Enumerate in details, effects of air pollution	08	01	CO4
	c)	Define soil pollution. Describe causes of soil pollution	08	01	CO4
Q.5		**Attempt any Two of the following**			
	a)	Enumerate briefly Air (prevention and control of pollution act), 1981.	09	01	CO4
	b)	Enlist factors affecting global warming. Describe effects of Global warming	09	01	CO4
	c)	Give a brief note on Environmental protection Act 1986.	09	02	CO4
Q.6		**Attempt any Two of the following**			
	a)	Define Environmental movement. Give a brief note on Silent valley project	09	02	CO4
	b)	Summarize the factors that affect the growth of population	09	02	CO4
	c)	Enlist the different natural disasters occurring in India. Give a brief note on Flood.	09	01	CO4

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