PRN:		Course Code :	UMC004

Second Year **B.Sc. (MLT)** End Semester Examination Winter 2024

Environmental Science

Day and Date: 31 MAY 2024, Friday 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 Aquatic ecosystem.	08	02	CO1
	b)	Define Producers. Explain their role in Ecosystem	08	02	CO2
		OR			
	b)	Define Environmental science. Explain scope and Importance of Environmental studies.	08	01	CO2
Q.2		**Attempt the following**			
	a)	List out renewable energy resources. Describe renewable resources in briefly.	08	01	CO2
	b)	Classify the water distribution on earth surface. Sketch a diagram on Hydrological cycle.	08	02	CO2
		OR			
	b)	Discuss land degradation and its effects on Environment	08	02	CO2
Q.3		**Attempt any two from the following**			
	a)	Explain levels of Biodiversity with suitable diagram	08	02	CO3
	b)	Give examples of two medicinal plant species. Explain benefits of Biodiversity.	08	02	CO3
	c)	Define ecosystem diversity. Explain in details conservation methods of Biodiversity	08	01	CO3
Q.4		**Attempt any two from the following**			
	a)	Define soil pollution. Explain in detail on soil pollution	08	01	CO4
	b)	Explain in detail causes, effects and control measures of air pollution	08	02	CO4
	c)	Define pollution. What are the effects of water pollution?	08	02	CO4
Q.5		**Attempt any Two of the following**			
	a)	Explain the following environmental issues 1. Acid Rain 2. Global warming	09	02	CO4
	b)	What is composition of atmosphere? Explain in details on ozone layer depletion	09	02	CO4
	c)	Enumerate briefly water (prevention and control of pollution act), 1974	09	03	CO4
Q.6		**Attempt any Two of the following**			
	a)	Define Environmental movement. Give a brief note on Chipko movements.	09	02	CO4
	b)	Define Disaster management. What are the impacts after flooding situation	09	01	CO4
	c)	Give a brief note on Silent valley project.	09	02	CO4

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