PRN:		Course Code :	UCM401

Second Year **BCA** End Semester Examination Summer 2024

Environmental Science

Day and Date: 31 MAY 2024 , Fri 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 Ecosystem. Give a brief account on classification of Ecosystem.	08	01	CO1
	b)	Define food chain. Explain Energy flow in the ecosystem.	08	02	CO2
		OR			
	b)	Define Environmental studies. Discuss scope of Environmental studies in brief	08	02	CO2
Q.2		**Attempt the following**			
	a)	State any two functions of forest. Discuss about deforestation	08	02	CO2
	b)	Enlist renewable energy resources. Describe impacts of land degradation on Environment.	08	01	CO2
		OR			
	b)	Classify the water distribution on earth surface. Sketch a diagram on Hydrological cycle	08	03	CO2
Q.3		**Attempt any two from the following**			
	a)	Define biodiversity. Describe the Levels of biological diversity.	08	02	CO3
	b)	Explain various causes for loss of biodiversity.	08	02	CO3
	c)	Explain in details conservation methods of Biodiversity.	08	02	CO3
Q.4		**Attempt any two from the following**			
	a)	Discuss in detail on Air pollution.	08	02	CO4
	b)	Define water pollution. Describe briefly the effects of water pollution on environment.	08	01	CO4
	c)	Define soil pollution. Explain in detail on causes, effects and control measures of soil pollution.	08	01	CO4
Q.5		**Attempt any Two of the following**			
	a)	Give a brief note on Environmental protection Act 1986.	09	01	CO4
	b)	Explain in detail the concept of global warming.	09	02	CO4
	c)	Explain in details on causes and effects of ozone layer depletion.	09	02	CO4
Q.6		**Attempt any Two of the following**			
	a)	Define Environmental movement. Give a brief note on Chipko movement.	09	02	CO4
	b)	Summarize factors that affect the growth of population.	09	02	CO4
	c)	Define carrying capacity. Describe impacts of overpopulation on environment.	09	02	CO4

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