PRN:		Course Code :	UMC004

Second Year **B.Sc (FST)** 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 Environmental science? Explain sustainable development concept in brief	08	01	01
	b)	What is mean by Ecosystem? Write ecological pyramid in detail.	08	04	01
		OR			
	b)	Write following terms with example in details- Food chain and food web	08	04	01
Q.2		**Attempt the following**			
	a)	Write renewable energy resources in detail.	08	04	02
	b)	Enlist impacts due to mining	08	04	02
		OR			
	b)	Enlist impacts due to construction of dams	08	01	02
Q.3		**Attempt any two from the following**			
	a)	Define Biodiversity and explain levels of biodiversity.	08	04	03
	b)	Explain in details conservation methods of Biodiversity	08	01	03
	c)	Explain endangered and endemic species in biodiversity.	08	04	03
Q.4		**Attempt any two from the following**			
	a)	Illustrate types of Environmental pollution and explain effects of pollution in detail.	08	01	04
	b)	Define water pollution. Explain in detail on causes, effects and control measures of water pollution	08	01	04
	c)	Define noise pollution. Explain in detail on causes, effects and control measures of soil pollution	08	01	04
Q.5		**Attempt any Two of the following**			
	a)	Explain in detail the concept of climate change	09	01	05
	b)	Write in a brief note on air (prevention& control) of pollution act	09	01	05
	c)	Write in a brief note on water (prevention& control) of pollution act	09	01	05
Q.6		**Attempt any Two of the following**			
	a)	What is mean by Environmental movement? Write in detail on silent valley.	09	01	06
	b)	Explain following terms in detail with example- Flood and earthquake	09	01	06
	c)	Explain following terms in detail with example - cyclone and landslides	09	04	06

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