PRN:		Course Code:	**U21OE031**

Second Year **BCA/BJMC/BScFST** End Semester Examination Summer 2024

Sustainable Development and Climate Change

Day and Date: Wed 27 Nov 2024 Max Marks: **35** 000027

Time : 10:30AM To 12:30PM Duration: **02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**	**07**		
	a)	Is Global Warming caused by A Hole in the Ozone Layer? (write yes or no)	01	L1	2
	b)	When we reduce or stop burning fossil fuel, CO_2 will go away and things will go back to normal. Write true or false.	01	L1	2
	c)	Solar energy is considered as _____ energy	01	L1	1
	d)	What are three main goals of Sustainable agriculture?	02	L1	1
	e)	Because of the excess CO_2, what is happening with oceans?	02	L1	3
Q.2		**Attempt the following**	**07**		
	a)	Write any three UN sustainable development goals and explain in brief any one goal related to your discipline.	04	L2	1
	b)	What is sustainability? Discuss any one model of sustainability.	03	L3	1
		or			
	c)	What is greenhouse effect? Explain.	03	L3	3
Q.3		**Attempt the following**	**07**		
	a)	Write note on ESG.	04	L2	1
	b)	Write note on carbon cycle.	03	L3	3
		or			
	c)	Nitrogen dioxide is a pollution problem in rural India. Comment.	03	L3	3
Q.4		**Attempt the following**	**07**		
	a)	What is renewable energy? Give comparative account of renewable v/s non-renewable sources of energy.	03	L1	1

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	b)	What are challenges associated with plastics and potential solutions?	04	L2	2
		or			
	c)	Discuss "Dissolved Substances in water"	04	L2	2
Q.5		**Attempt the following**	**07**		
	a)	Explain the concept of Sustainable Agriculture.	03	L1	1
	b)	Write causes of Food Waste, ways and benefits of reducing Food Waste.	04	L2	3
		or			
	c)	Write about the ocean acidification and microplastics.	04	L2	3

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