Name: Enrolment No:	⚡UPES UNIVERSITY OF TOMORROW

UPES
End Semester Examination, May 2024

Course: Climate Change and Sustainability   **Semester: VI**
Program: B. Tech RSEE   **Time   : 03 hrs.**
Course Code: EPEG3050   **Max. Marks: 100**

Instructions:

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
	Statement of question		
Q 1	How local events can impact the global climate change? Explain with examples.	4	CO1
Q 2	What types of renewable energy production is not sustainable? Explain why?	4	CO2
Q 3	Justify the importance of green building rating on climate change control and sustainability.	4	CO 5
Q 4	Illustrate the major challenges for National Solar Mission in India?	4	CO 3
Q 5	Explain the importance of ESG reporting for industries?	4	CO 4

SECTION B
(4Qx10M= 40 Marks)

	Statement of question		
Q 6	a) What is COP event and why it is important? b) Why it is necessary to introduce a separate climate change policy for the Himalayan region?	5+5=10	CO2
Q 7	a) Illustrate the major impact of global warming? Explain in detail. b) Explain India's NAPCC for GHGs emission.	5+5=10	CO 3
Q 8	a) Prioritize the environmental factors in ESG reporting? b) Justify the impact of such factors on corporations.	5+5=10	CO 5
Q 9	Describe the cause and impact of climate change. Or Relate the Paris agreement and its importance to control global warming.	5+5=10	CO1

SECTION-C
(2Qx20M=40 Marks)

Q 10	a) Explain how the national mission for "Enhanced Energy Efficiency" impacts climate change? b) Compare the merits and demerits of "National Mission for a Green India" c) Identify how the "National Mission on Sustainable Habitat" is relevant to the UN SDGs. Or a) Explain NAPCC for India b) Compare how much progress India did in recent years on the renewable energy and Agricultural sectors	**8+7+5=20** **10+10=20**	**CO4**
Q 11	a) Prioritize the classes of low carbon technologies. b) What are the low emission fossil fuel technologies that are currently being used? c) Design a plan to reduce GHE in transportation sectors. d) Imagine the co-benefit of such plans to our environment?	**5+5+5+5=20**	**CO5**