


Name:			
Enrolment No:			
<b>UPES</b> <b>End Semester Examination, May 2024</b>			
<b>Course: Advances in Sustainable Development</b> <b>Program: M.Tech (HSE)</b> <b>Course Code: SUST7012</b>		<b>Semester : II</b> <b>Time : 03 hrs.</b> <b>Max. Marks : 100</b>	
<b>SECTION A</b> <b>(5Qx4M=20Marks)</b>			
S. No.		Marks	CO
Q 1	What are the key objectives and mechanisms of the Kyoto Protocol, and how has its implementation impacted global efforts to address climate change?	4	CO2
Q 2	Define ESG and provide examples of environmental, social, and governance factors.	4	CO1
Q 3	How do the Millennium Development Goals (MDGs) differ from the Sustainable Development Goals (SDGs)?	4	CO1
Q 4	List examples of products or sectors where extended producer responsibility (EPR) programs are frequently implemented.	4	CO1
Q 5	What is the relationship between the Kyoto Protocol and the Montreal Protocol?	4	CO2
<b>SECTION B</b> <b>(4Qx10M= 40 Marks)</b>			
Q 6	What are the four major themes that ESG rating agencies typically use to classify environmental factors? Explain those.	10	CO3
Q 7	Analyze how companies integrate ESG principles into their business strategies and operations, citing specific examples from different industries.	10	CO4
Q 8	What are the approaches individuals or organizations can employ to reduce their carbon footprint, encompassing behavioral modifications and technological innovations.	10	CO3
Q 9	Formulate a comprehensive policy proposal aimed at reducing carbon footprints on a national scale, integrating economic incentives, regulatory measures, and public awareness campaigns. <b>OR</b> Critically analyze the effectiveness of extended producer responsibility (EPR) policies in promoting product stewardship and encouraging producers to adopt more sustainable practices.	10	CO4

**SECTION-C**  
**(2Qx20M=40 Marks)**

Q 10	Outline the historical progression of ESG (Environmental, Social, and Governance) principles, detailing its timeline and development.	<b>20</b>	<b>CO4</b>
Q 11	Evaluate the effectiveness of carbon offsetting programs in mitigating the environmental impact of carbon emissions, utilizing examples from various industrial sectors to illustrate their efficacy. <p style="text-align: center;"><b>OR</b></p> Develop a strategic plan for a multinational corporation to enhance its sustainability reporting practices, incorporating stakeholder feedback, materiality assessments, and performance indicators aligned with global sustainability goals.	<b>20</b>	<b>CO5</b>