


Name: Enrolment No:			
<p style="text-align: center;">UPES End Semester Examination, May 2025</p>			
Course: Advances in Sustainable development Program: B.Tech (FSE) Course Code: HSFS4021 Instructions:		Semester : VIII Time : 03 hrs. Max. Marks : 100	
SECTION A (5Qx4M=20Marks)			
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
SECTION B (4Qx10M= 40 Marks)			
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. <p style="text-align: center;">OR</p> 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.	20	CO4
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. OR 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.	20	CO5