


Name: Enrolment No:			
<p style="text-align: center;">UPES End Semester Examination, May 2025</p> <p> Course: Advances in Sustainable Development Semester : II Program: M.Tech (HSE) Time : 03 hrs. Course Code: SUST7012 Max. Marks : 100 </p>			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Compare and contrast the carbon footprints of different modes of transportation, highlighting their environmental impact.	4	CO2
Q 2	List two GRI topic-specific standards under the “Environmental” category.	4	CO1
Q 3	What are the main categories used by ESG rating agencies to categorize environmental factors?	4	CO1
Q 4	What is meant by climate-related financial disclosure?	4	CO1
Q 5	Compare the Triple Bottom Line with the traditional bottom line.	4	CO2
SECTION B (4Qx10M= 40 Marks)			
Q 6	Provide overview of ESG regulations and emerging trends in the Environmental, Social, and Governance (ESG) domain.	10	CO3
Q 7	Apply the GRI reporting framework to disclose waste management efforts of a company.	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	Using TCFD, describe how a company should report supply chain risks due to climate change. OR How can an energy utility disclose adaptation plans using TCFD guidelines?	10	CO4
SECTION-C (2Qx20M=40 Marks)			
Q 10	Should BRSR replace GRI and TCFD reporting in India? Justify your view.	20	CO4

Q 11	<p>Using TCFD, describe how a company should report supply chain risks due to climate change.</p> <p style="text-align: center;">OR</p> <p>Discuss the proactive steps taken by the Securities and Exchange Board of India (SEBI) in institutionalizing ESG reforms through the mandatory adoption of BRSR for top listed companies. Evaluate SEBI's strategic vision, consultative processes, and regulatory interventions in comparison with global sustainability regulators (e.g., SEC in the US, EU Taxonomy). Provide a critical rating of SEBI's effectiveness based on implementation ease, stakeholder engagement, and the degree to which these reforms have transformed corporate sustainability behavior in India.</p>	20	CO5
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