

Trimester IV November 2025		
Examination: End Term Examination		
Programme code: 19 Programme: PGDM-Executive (OPS & SCM)	Class: SY	Trimester: IV
Name of the Constituent College: K. J. Somaiya Institute of Management		Name of the department/Section/Center: Operations Management
Course Code: 117I19C402	Name of the Course: Sustainable Supply Chain Management	

Maximum Marks: 25

Time: - 1.5 hours

Date: 17/11/2025

Notes:

1. Question No. 1 is compulsory.

2. Answer any three questions from Questions 2 to 6.

Question No.		Max. Marks
Q1.	<p>Mahindra & Mahindra (M&M), a leading Indian automobile manufacturer, integrated sustainable procurement into its supplier network to reduce emissions in its logistics and align with its “Planet Positive” vision. The company collaborated with over 200 MSME suppliers to promote energy efficiency, waste reduction, and the use of low-carbon materials.</p> <p>A. Based on the theory taught to you, what would be the primary drivers motivating Mahindra & Mahindra to integrate sustainability into its procurement process?</p> <p>B. In general, identify and explain the key barriers that prevent or slow down the adoption of green procurement practices among suppliers.</p> <p>C. How would sustainable procurement contribute to cost reduction and brand value for Mahindra & Mahindra?</p> <p>D. If you were a procurement manager at M&M, what additional steps would you take to overcome internal resistance or capability barriers?</p>	10
Q2	Explain the Circular Economy, sharing some examples.	5
Q3	Explain the relationship between sustainability and productivity.	5
Q4	Analyse the advantages and limitations of rail freight and water freight over road-based freight systems for achieving sustainability	5
Q5	Describe the role of lean management in achieving competitiveness and supply chain sustainability	5
Q6	Explain the concept of Design for Environment (DFE)	5