

**Maharshi Karve Stree Shikshan Samstha's**

**Smt. Hiraben Nanavati Institute of Management & Research for Women**

**INTERNAL EXAMINATION – Sem II – ( Jan- July 2026)**

**SUBJECT –:Sustainable Supply Chains SUBJECT CODE – OSCM 667 MJ- Date : 14-05-2026**

**Pattern : 2024**

**Duration : 150 min**

**Max Marks : 50**

**Instructions for students :**

- *Marks are indicated for each question.*
  - *Handwriting should be eligible for evaluation.*
  - *Marks will be given for quality, not quantity.*
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**Q.1 Solve any Five out of Eight. (10 Marks)**

- Define Sustainable Supply Chain Management.
  - What is Green Logistics?
  - Define Closed Loop Supply Chain.
  - What are Carbon Credits?
  - Define Reverse Logistics.
  - What is Lifecycle Assessment?
  - State any two benefits of Green Supply Chains.
  - Define Sustainable Procurement.
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**Q.2 Solve any Two out of Three. (10 Marks)**

- Explain the concept and need of Sustainable Supply Chain Management.
  - Discuss key drivers for greening of logistics and supply chains.
  - Explain the concept of Green Logistics with suitable examples.
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**Q.3 Solve any Two out of Three. (10 Marks)**

- Discuss Closed Loop Supply Chains and the role of reverse logistics in sustainability.
  - Explain environmental costs of logistics and the concept of carbon foot printing.
  - Discuss sustainable transportation and greening transportation in the supply chain.
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**Q.4 Solve any Two out of Three. (10 Marks)**

- Explain the process and importance of measuring and monitoring Sustainable Supply Chain performance.
  - Discuss the impact of Supply Chain activities on Economic, Environmental and Social sustainability.
  - Explain the stages of Supply Chain Performance Measurement and problems associated with performance measurement.
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**Q.5 Solve any One out of Two. (10 Marks)**

- a) Discuss sustainable purchasing and procurement with reference to procurement frameworks, ecolabels and lifecycle assessment.
- b) Explain future trends in Sustainable Supply Chain Management with reference to international collaboration practices and supplier assessment strategies.