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 **PRESIDENCY UNIVERSITY**

  **Bengaluru**

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| **End - Term Examinations – MAY 2025** |
| **Date:** 22-05-2025 **Time:** 09:30 am – 12:30 pm |

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| **School:** SOM-UG | **Program:** BBA General with E Commerce & Supply Chain Management |
| **Course Code :** BBA3042 | **Course Name**: Lean Supply Chain Management |
| **Semester**: VI | **Max Marks**: 100 | **Weightage**:50% |

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| **CO - Levels** | **CO1** | **CO2** | **CO3** | **CO4** | **CO5** |
| **Marks** |  |  |  |  |  |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Do not write anything on the question paper other than roll number.*

**Part A**

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| **Answer ALL the Questions. Each question carries 2 marks. 10Q x 2M=20M** |
| **1.** | What is the primary goal of Lean Supply Chain Management?  | **2 Marks** | **L1** | **CO1** |
| **2.** | How does the Pareto Principle apply to waste elimination?  | **2 Marks** | **L1** | **CO1** |
| **3.** | Name two strategies to eliminate waste in Lean SCM.  | **2 Marks** | **L1** | **CO1** |
| **4.** | Define Just-In-Time (JIT) production.  | **2 Marks** | **L2** | **CO2** |
| **5.** | Why is supplier collaboration critical in Lean SCM? | **2 Marks** | **L3** | **CO3** |
| **6.** | What is the purpose of Value Stream Mapping (VSM)?   | **2 Marks** | **L2** | **CO2** |
| **7.** | List two key Lean metrics used in supply chain evaluation.  | **2 Marks** | **L3** | **CO3** |
| **8.** | What is the role of Kaizen in continuous improvement?  | **2 Marks** | **L4** | **CO4** |
| **9.** | Explain the concept of consolidation in Lean strategy. | **2 Marks** | **L4** | **CO4** |
| **10.** | How does standardization reduce variability in workflows?  | **2 Marks** | **L4** | **CO4** |

**Part B**

**Answer ALL the Questions. Each question carries 7 Marks. Total Marks 35M**

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| 11. | a. | Analyze the benefits of supplier integration in Lean SCM.  | 07 Marks | L3 | CO3 |
| Or |
| 12. | **a.** | Discuss how Lean metrics can be used to measure supply chain performance.   | **07 Marks** | **L3** | **CO3** |

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| 13. | a. | Explain the process of developing Standard Operating Procedures (SOPs) in Lean | 07 Marks | L4 | CO4 |
| Or |
| 14. | **a.** | Explain how continuous improvement can be sustained in a Lean environment. | **07 Marks** | **L3** | **CO3** |

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| 15. | a. | Evaluate the role of Lean metrics in supplier performance evaluation. | 07 Marks | L3 | CO3 |
| Or |
| 16. | **a.** | Discuss the challenges in implementing standardization in workflows.  | **07 Marks** | **L4** | **CO4** |

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| 17. | a. | Explain how Value Stream Mapping (VSM) helps in process optimization. | 07 Marks | L2 | CO2 |
| Or |
| 18. | **a.** | Describe the steps to interpret a VSM for supply chain improvement.  | **07 Marks** | **L2** | **CO2** |

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| 19. | a. | Compare Lean and traditional supply chains with examples.  | 07 Marks | L1 | CO1 |
| Or |
| 20. | **a.** | Discuss the tools used in Just-In-Time (JIT) systems.  | **07 Marks** | **L2** | **CO2** |

**Part C**

**Answer any Three Questions. Each question carries 15 marks 3Q x 15M=45M**

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| 21. | a. | Critically analyze the role of continuous improvement in achieving long-term Lean SCM success.  | 15 Marks | L4 | CO4 |

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| 22. | a. | Assess the impact of Just-In-Time (JIT) on inventory management in supply chains.  | 15 Marks | L2 | CO2 |

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| 23. | a. | Design a Lean-based strategy for improving supplier collaboration in an automotive firm. | 15 Marks | L3 | CO3 |

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| 24. | a. | Examine the seven types of waste (Muda) and propose practical solutions to mitigate them. | 15 Marks | L1 | CO1 |