

R.N.G.PATEL INSTITUTE OF TECHNOLOGY-RNGPIT
(An Autonomous Institute U/s UGC Act 1956)

MBA SEMESTER-I, SEMESTER END EXAMINATION – WINTER 2025

SUBJECT CODE: 2MB1105

DATE: 13-01-2026

**SUBJECT NAME: FUNDAMENTAL OF LOGISTICS AND
SUPPLY CHAIN MANAGMENT**

TIME: 09:00 AM to 12:00 PM

TOTAL MARKS: 70

Instructions

1. It is **compulsory** for students to write **Enrolment No. /Seat No.** on the question paper.
2. Write answers of **Section A** and **Section B** in **separate answer books**.
3. Attempt all questions from both **Section A** and **Section B**.
4. Each section carries **35 marks**, with a total of **70 marks** for the examination.
5. The figures to the right of each question indicate full marks, make suitable assumptions with justification.
6. BL - Bloom's Taxonomy Levels (R-Remember, U-Understanding, A –Application, N –Analyze, E – Evaluate, C -Create), CO - Course Outcomes.

SECTION A

	Marks	BL	CO
Q.1 Multiple-Choice Questions	[05]		
(a) Logistics mainly focuses on:	1	R	1
(i) Employee recruitment			
(ii) Movement and storage of goods			
(iii) Product pricing			
(iv) Brand promotion			
(b) The difference between Logistics and Supply Chain Management is that SCM	1	U	1
(i) Has a narrower scope than logistics			
(ii) Covers the entire value chain			
(iii) Deals only with transportation			
(iv) Is unrelated to logistics			
(c) Lean strategy mainly aims at:	1	R	1
(i) Eliminating waste			
(ii) Increasing inventory			
(iii) Increasing lead time			
(iv) Reducing process efficiency			
(d) Off-shore outsourcing means:	1	R	1
(i) Outsourcing tasks within the same company			
(ii) Outsourcing tasks within the same company			
(iii) Outsourcing tasks to a distant foreign country			
(iv) No outsourcing at all			

(e) On-shore outsourcing is mainly chosen when a company wants to: 1 U 1

- (i) Reduce cultural and language differences (ii) Send work to far-off international locations
- (iii) Increase geographic distance for cost benefits (iv) Avoid partnering with local firms

Q.2 Attempt Any Two **[10]**

(a) Explain the concept of Logistics. Discuss its importance. 5 A 1

(b) Describe the evolution of logistics. 5 U 1

(c) Explain the concept of Logistics Mix with suitable examples. 5 R 1

Q.3 Attempt Any Two **[10]**

(a) Discuss the strategic role of logistics in creating competitive advantage. 5 R 2

(b) Differentiate between On-shore, Near-shore & Off-shore outsourcing. 5 U 2

(c) Write a short note on Lean Strategy and Agile Strategy 5 A 2

Q.4 Attempt Any Two **[10]**

(a) Explain the role of logistics in value chain network. 5 A 2

(b) Discuss the merits and demerits of outsourcing. 5 R 2

(c) Explain how logistics contributes to economic development. 5 A 2

SECTION B

Marks BL CO

Q.5 Multiple-Choice Questions

[05]

- (a) Which of the following best describes Supply Chain Dynamics? 1 U 3
- (i) Movement of goods within warehouses (ii) Behavioral tendencies and fluctuations within supply chain processes
- (iii) Procurement of raw materials (iv) Transportation scheduling
- (b) Which is NOT a major Change Driver in modern Supply Chain Management? 1 U 3
- (i) Globalization (ii) Technological advancements
- (iii) Increased customer expectations (iv) Manual bookkeeping
- (c) A key factor influencing network design decisions is: 1 N 4
- (i) Employee personal preferences (ii) Availability of skilled labor
- (iii) Packaging color (iv) Office interior layout
- (d) Which of the following is a core task in Physical Distribution Management? 1 U 3
- (i) Workforce appraisal (ii) Order processing
- (iii) Brand positioning (iv) Employee training
- (e) Which type of cargo typically includes machinery and industrial equipment? 1 U 3
- (i) Liquid bulk cargo (ii) Break-bulk cargo
- (iii) Perishable cargo (iv) Containerized refrigerated cargo

Q.6 Attempt Any Two

[10]

- (a) Explain the concept of Supply Chain Dynamics. 5 U 3
- (b) Describe the Process Overview of supply chain management. 5 A 3
- (c) Discuss the major Change Drivers in supply chain management with suitable examples. 5 E 3

Q.7 Attempt Any Two

[10]

- (a) Explain the key focus areas in supply chain management? 5 U 4

- (b) Explain the Evolution of supply chain management from traditional logistics to modern integrated supply chains. 5 A 4
- (c) Define cargo and explain different Types of Cargos handled in supply chains. 5 N 4

Q.8 Attempt Any Two

[10]

- (a) Which factors influence the network design decisions of a supply chain management organization? How? 5 N 4
- (b) Explain the role of Physical Distribution Management tasks in the supply chain management. 5 A 4
- (c) Using the Framework of supply chain management Network Design, Explain how inappropriate location decisions can disrupt supply chain efficiency. 5 U 4
