

MBA (MM) Sem.-3 Examination
SCP 307
PP&ID

Time : 2.30 Hours]

December-2025

[Max.Marks : 70

Q-1	A) Critically examine the impact of railway privatization on port terminal efficiency and national logistics performance.	14
Q-2	A) Discuss in detail the planning and design of a modern container terminal, including services, components, capacity, and digitalization. <u>OR</u> B) Explain the role of digitalization and automation in transforming conventional port terminals into smart terminals.	14
Q-3	A) A major Indian container terminal is operating at 80% capacity. Ships face waiting time of 1–2 days, and truck congestion inside the terminal is increasing. The port authority is planning to introduce automated gates and expand rail connectivity. Questions: a) Identify the main planning issues faced by the terminal. b) Explain whether the terminal is operating beyond optimum capacity. c) Suggest two infrastructure and two digital solutions. d) Explain how rail privatization can improve terminal efficiency.. <u>OR</u> A coastal state plans to develop a greenfield port terminal to handle dry bulk and liquid cargo. The site has deep natural draft but weak road and rail connectivity. Environmental clearance is a major concern. Questions: a) Identify terminal components required for bulk cargo handling. b) Suggest suitable terminal layout and dimension planning. c) Explain how capacity should be planned in phases. d) Recommend mitigation measures for environmental challenges.	14
Q-4	A) Describe terminal services with reference to export–import cargo handling. <u>OR</u> B) Explain the difference between maximum capacity and optimum capacity. Why is optimum capacity more suitable for sustainable terminal operations?	14
Q-5	A) Define terminal dimensions and mention the two major components studied in design.	14

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Candidate's Seat No: _____

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Q-1	Discuss the term " Containerisation ". What are the main advantages of containerisation ?	14
Q-2	<p>A) Write a note in your own words on – Single window facility offered by a shipping line.</p> <p><u>OR</u></p> <p>B) Discuss the concept of hub & spoke service.</p>	14
Q-3	<p>A) Discuss an import cycle of a container.</p> <p><u>OR</u></p> <p>B) Write a note in your own words on flow matching & double dipping.</p>	14
Q-4	<p>A) What is the role & importance of ICD in international trade ?</p> <p><u>OR</u></p> <p>B) What is cargo consolidation, and why is it required in international shipping?</p>	14
Q-5	What are the advantages and disadvantages for a shipping company in owning its own containers?	14