



EASWARI ENGINEERING COLLEGE
DEPARTMENT OF MANAGEMENT STUDIES
BA7051 LOGISTICS AND SUPPLY CHAIN MANAGEMENT



Question Bank

PART A

1. What is Logistics and Supply Chain Management?
2. What are the objectives of Logistics and Supply Chain Management?
3. Explain the role of logistics in Supply Chain.
4. What are the modes of transportation suited for small and large volume shipments?
5. Examine the role of packaging.
6. Identify the factors that are to be considered while locating a warehouse.
7. How is decision support system helpful in SCLM?
8. Why is it important to consider financial factors when evaluation of supply chain decisions?
9. List out the benefits of a modular system of packaging.
10. State the various elements of warehouse design.
11. What is meant by Bullwhip effect in supply chain?
12. What is the importance of information and information technology in supply chain?
13. Define cycle inventory and safety inventory.
14. State the different types of supplier evaluation techniques.
15. Write short notes on different phases in supply chain.
16. What are the risks in maintaining fewer supplier?
17. Define reverse logistics.
18. What are the common types of situations requiring reverse logistics?
19. State the potential benefits of rigid containerization.
20. What are the basic functional principles of transportation management?
21. Compare and contrast different private and public warehouse.

22. State the need to interface supply chain with other functional areas.
23. What are the components of logistical management?
24. What are the differences between efficient and responsive supply chain system?
25. What are the functions of logistics management?
26. What is inbound logistics function?
27. What is outbound logistics function?
28. What is production-related logistics function?
29. What is 3PL?
30. What is 4PL?
31. What is RFID?
32. What are the logistical drivers?
33. What are the cross-functional drivers?
34. What are the benefits of cross-docking?
35. What is supply chain distribution network?
36. What is reverse logistics?
37. What is customer service?
38. How does location influence supply chains?
39. What are world class supply chains?
40. What is e-supply chain?
41. Differentiate between centralized and de-centralized warehousing.
42. Explain decisions trees.
43. What are the criteria for source evaluation?
44. What are agile supply chains?
45. Explain Automated Material Handling.
46. What do you mean by 'Total Logistic Cost'?
47. List the objective of modular system of packaging.
48. Name the various issues related to reverse logistics.
49. Who are Green Channel Suppliers? What are the benefits?
50. What is drop shipping? What are its advantages?

51. How decision trees can be used to evaluate network design?
52. What are the two basic forms of cross docking?
53. Define CPFR. What are its attributes?
54. Explain the enablers of supply chain performance.
55. What are the different stages of supply chain evolution?

PART B

1. Explain the concept of integrated logistics system.
2. Explain the Bullwhip effect and how it can be reduced.
3. Explain the frame work for structuring drivers.
4. Explain the different modes of transportation.
5. What is the intermodal transportation system?
6. Explain the different modes of transportation.
7. Explain different types of warehouses.
8. What are the functions of warehouses?
9. Explain the supply chain Network design.
10. Explain the importance of supply chain management.
11. Explain the various drivers of supply chain.
12. Explain the objectives and functions of supply chain management.
13. Describe the various services provided by 3PL and 4PL.
14. Describe the factors influencing supply chain network design.
15. Describe the various models used for location decisions and capacity allocation.
16. Explain the process and implications of make or but decisions.
17. Explain the steps taken to reduce bull whip effect in supply chains.
18. Discuss the role of supply chain management in e-business and B2B practices.
19. Write short notes on:
 - (i) ESRM
 - (ii) ELRM
 - (iii) ESCM

(iv) Global Logistics

20. What are the activities in a supply chain? Explain the generic types of supply chain.
21. Discuss the guidelines for effective supply chain strategies. Explain with a model for evolving a SCM strategy for a service industry of your choice.
22. Why is it necessary to outsource logistics? Explain the advantages and disadvantages of 3PL?
23. What are the various distribution network options? Explain.
24. Discuss the different models that can assist an organization in the facility location decision process.
25. Why do firms expand their supply base through worldwide sourcing? What are the challenges they face?
26. What are the types of inventory in a supply chain system? Explain the importance of inventory management in the supply chain of a manufacturing firm.
27. Develop a powerful information system for the supply chain of a mineral water bottling plant.
28. Explain the characteristics of an agile supply chain. How can a company achieve agility in the supply chain of an apparel export firm?
29. Explain the functions and objectives of logistics management system.
30. Explain how information system is helpful in increasing organization productivity.
31. Describe the supply chain IT framework in detail.
32. Discuss the frame work for structuring supply chain drivers in detail.
33. Discuss the push-pull view of the supply chain process.
34. Explain how you will design a supplier evaluation system with your own example.
35. Explain how firms can respond to predictive variability in the supply chain.
36. What is an e-business? What are the different types? Discuss the advantages and the infrastructural requirements for an e-business.
37. What is vendor managed inventory? With a neat sketch explain a VMI Business model and list out its benefits.

38. Explain with a neat sketch the four phases in the design of global network. Discuss Gravity Location Model along with its advantages.
39. What are the design options for a distribution network? Explain with neat sketches.
40. Explain the 3PL and 4PL. briefly explain the technology component of 4PL.
41. What are the elements of logistics Management? List out the flow of actions, important factors and Techniques for any four of them.
42. How is strategic fit achieved between the supply chain and competitive strategies?
What are the obstacles to achieving strategic fit?
43. What are the drivers of Supply chain performance? Describe briefly the roles of each of the supply chain drivers in the competitive strategy.
44. Explain the process view of a supply chain network with an example.
45. Compare the efficient and responsive supply chain.
46. What are the factors influencing network design decision?
47. What is decision tree in network design?
48. Explain in detail the design options or types of distribution network.
49. Explain push/pull view of supply chain process of a FMCG.
50. Explain supply chain web or supply chain network.
51. What are the factors for the effective supply chain relationship?