# SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)

SRM Nagar, Kattankulathur – 603 203

# **DEPARTMENT OF MANAGEMENT STUDIES**

# **QUESTION BANK**

#### III SEMESTER

# 1915328 - LOGISTICS MANAGEMENT

Regulation - 2019

**Academic Year 2022 - 2023** 



# Prepared by

Dr. M.Ganesan @ Kanagaraj - Asst. Professor (OG)

Course Co-ordinator: Dr.M.Ganesan @ Kanagaraj – Asst. Professor (OG)



# SRM VALLIAMMAI ENGINEERING COLLEGE

(An Autonomous Institution)



# **DEPARTMENT OF MANAGEMENT STUDIES**

# **QUESTION BANK**

SUBJECT: 1915328 – LOGISTICS MANAGEMENT

SEM / YEAR : III Semester / II Year

#### UNIT - I -INTRODUCTION

**SYLLABUS:** Logistics Management: Concepts – Importance – Customer Value Chain – Service Phases and attributes – Value added logistics services – Role of logistics in Competitive strategy – Customer Delight through logistics management.

S.NO	QUESTIONS	BT LEVEL	COMPETENCE
1	Define Logistics.	Level 1	Remembering
2	Compare Logistics and Supply chain Management.	Level 2	Understanding
3	Identify the Objectives of Logistics	Level 3	Applying
4	Can you list any two issues in Logistics Management?	Level 1	Remembering
5	What are the Similarities of Logistics Management of a Manufacturing Activity Firm?	Level 2	Understanding
6	Interpret three importance of Logistics Management	Level 3	Applying
7	What is the scope of Logistics?	Level 1	Remembering
8	Compare the Effectiveness of Service phase and attribution?	Level 2	Understanding
9	How would you show your understanding the Value added Logistics service?	Level 3	Applying
10	List the three measures of logistical service and the importance of each.	Level 1	Remembering
11	What conclusion can you draw the objectives of Logistics Management?	Level 2	Understanding
12	How is Logistics Management Strategy used?	Level 3	Applying
13	Interpret the barriers of customer service in Logistics	Level 1	Remembering

	Management		
14	Distinguish between Logistics in Supply chain Non- Manufacturing areas?	Level 2	Understanding
15	How would you show your understanding of the business activities in a logistics firms?	Level 3	Applying
16	How would you summarize functional integration can benefit logistics and the firm as whole?	Level 1	Remembering
17	Define Market characteristics of Business Logistics.	Level 2	Understanding
18	Classify any two applications of Business Logistics.	Level 3	Applying
19	Define Competitive Strategy.	Level 1	Remembering
20	What are the functions of customer value chain?	Level 2	Understanding
21	Can you list four strategy followed in Logistics?	Level 3	Applying
22	What is the origin of Logistics Management?	Level 1	Remembering
23	Which statements support 'Physical Distribution'?	Level 2	Understanding
24	What are the types of Logistics Management?	Level 3	Applying

PART- B				
S.NO	QUESTIONS	BT LEVEL	COMPETENCE	
1	How do you think international Logistics differ from Logistics for a firm with global operations?	Level 1	Remembering	
2	How would you summaries the factors and forces that give Logistics importance among other functional areas of the firm?	Level 2	Understanding	
3	Classify the steps involved in strategy planning in Logistics  Management in detail	Level 3	Applying	
4	How would you show your understanding on the importance and objectives of Logistics Management?	Level 1	Remembering	
5	Discuss the role of Logistics in enabling the manufacturing industries to improve their competitive advantages.	Level 2	Understanding	
6.	Explain briefly the various elements of logistics management.	Level 3	Applying	
7	Define value added Logistics service? Explain the concept in detail with suitable example	Level 1	Remembering	

8	Compare the Logistics and supply chain?		Level 2	Understanding
9	<ul><li>(i) Construct the application of the Business Logistics Function?</li><li>(ii) Analyze the reason's process Business Logistics in Detail.</li></ul>	(7) (6)	Level 3	Applying
10	List the main characteristics and business for sourcing strategy.		Level 2	Understanding
11	How do you explain customer service relationship results from managing all activities in the Logistics?	3	Level 1	Remembering
12	Summarize the information such as an order tracking systems be a substitute for customer delight(services) performance?		Level 2	Understanding
13	Demonstrate the obstacles to achieving some products benefit significantly from increased time and place value chain?		Level 4	Analysing
14	Describe the role of logistics in competitive strategy in detail.		Level 1	Remembering
15	Describe the concept of value-added inventory flow.  How are the costs of logistics related to the value-added flow?		Level 1	Remembering
16	What are the important logistical concerns during the introduction stage of a product life cycle? During growth, Saturation and Maturity stage?		Level 2	Understanding
17	How is logistics used for gaining a competitive advantage to deliver a superior customer service?		Level 3	Applying

	PART - C		
S.NO	QUESTIONS	ВТ	СОМРЕ
		LEVEL	TENCE
1	Explain logistics structure required for manufacturing industries in detail?	Level 4	Analysing
2	Critically review the current trends in retail logistics with live industry example from Indian companies.	Level 5	Evaluating

	Choose a successful Indian company of your choice which has got	Level 6	Creating
3	a phenomenalreach in rural markets and explain its supply chain		
	management and outbound logistics operation in a detailed		
	manner.		
4	Elucidate the Recent trends in logistics network with suitable examples.	Level 4	Analysing
5	"Value added service is an Innovative Approach adopted for gaining a competitive edge". Cite a few examples to support this statement.	Level 5	Evaluating

#### UNIT - II - DISTRIBUTION CHANNELS AND OUTSOURCING LOGISTICS

**SYLLABUS:** Distribution channel structure – channel members, channel strategy, role of logistics and support in distribution channels – Logistics requirements of channel members – Logistics outsourcing – catalysts, benefits, value proposition – Third- and fourth-party logistics – Vendor Selection – Logistics Service contract.

S.NO	OUESTIONS	BT	COMPETENCE
S.NO	QUESTIONS	LEVEL	COMPETENCE
1	What is meant by Distribution Channel?	Level 1	Remembering
2	Summarize the Value Proposition.	Level 2	Understanding
3	Write the features of Channel Structure.	Level 3	Applying
4	List any benefits of using channel members.	Level 1	Remembering
5	Can you assess the value or importance of identifying logistics problem?	Level 2	Understanding
6	Write short note on outsourcing.	Level 3	Applying
7	What is meant by Channel Strategy?	Level 1	Remembering
8	How would you compare between a Retailer and a Wholesaler?	Level 2	Understanding
9	State the meaning of 3PLs and 4PLs.	Level 3	Applying
10	What are the factors that used in presale & post sale?	Level 1	Remembering
11	Outline the features of selection of service provider.	Level 2	Understanding
12	What is your opinion of JIT?	Level 3	Applying
13	What are the factors influencing logistics outsourcing?	Level 1	Remembering
14	Outline the scope of catalysts for outsourcing trends.	Level 2	Understanding

15	How would you show your understanding of Third party logistics?	Level 3	Applying
16	Can you list the 4PL major sub system?	Level 1	Remembering
17	What are the benefits of logistics outsourcing?	Level 2	Understanding
18	Compare between the Third party and fourth party	Level 3	Applying
	logistics.		
19	Write the role of logistics in distribution channels.	Level 1	Remembering
20	Can you list the three benefits of Logistics service	Level 2	Understanding
	contract?		
21	Give the meaning of Intermediaries.	Level 3	Applying
22	What are the criteria for selecting a vendor?	Level 1	Remembering
23	What is the purpose of channel strategy?	Level 2	Understanding
24	What are the activities performed at operational level in logistics?	Level 3	Applying

	PART- B				
S.NO	QUESTIONS	BT LEVEL	COMPETENCE		
1	How are logistics useful to distribution channels? Give examples.	Level 1	Remembering		
2	Will you explain logistical program variants for different channel partners?	Level 2	Understanding		
3	Explain the procedure for structure of the distribution channel.	Level 3	Applying		
4	Explain and elaborate on the following statement: "The selection of a superior location network can create substantial competitive advantage".	Level 1	Remembering		
5	Discuss and Evaluate the logical requirements of the distribution channel.	Level 2	Understanding		
6.	Enumerate the various role of logistics in the distribution channel and its advantages.	Level 3	Applying		

	(i) How would you explain benefits of logistical outsourcing in detail?	(7)	1 1 4	D l i
7	(ii) List the importance of network design decisions using	(6)	Level 1	Remembering
	decision trees in detail?	(6)		
	(i) Interpret the objectives & process of logistics	(7)		
8	outsourcing models.	(-)	Level 2	Understanding
	(ii) Describe the outcome and benefits of outsourcing	(6)		
	contract terms and conditions.	(-)		
	(i) Plan the 3PL service provider for online furniture	(7)		
9	marketing.	(- )	Level 3	Applying
	(ii) Discover the prominent Indian 3PL service providers.	(6)		
10	How do you describe the framework for customer			
	preferring in sourcing in detail?		Level 3	Applying
	How do you explain the turning logistic services to the	(7)		
11	needs to channel partners in detail?	(')	Level 1	Remembering
	List the advantages of using logistics network model.	(6)		
12	Demonstrate and explain the value addition and types wit	h	Level 2	Understanding
	suitable example.			
	Describe the fundamental similarities and difference	es		
13	between procurement, manufacturing support, and physic	cal	Level 4	Analysing
	distribution performances cycles as they relate to logistic	cal		i iiii ji iii g
	control.			
14	What are third and fourth party logistics? Explain briefly.			Remembering
15	Discuss the role of IT in logistics and Channel Management.			Remembering
16	Does the just-in-time inventory system have any effect on the firm's logistics and channel management?		Level 2	Understanding
17	Why can channel structure differ between segments even		Level 3	Applying
	though the products are the same?			, 0

	PART - C				
S.NO	QUESTIONS				
1	"The efficiency and effectiveness of the distribution channel is the function of a proper logistics program" Explain	Level 4	Analysing		
2	As a logistics manager of the firm, how will you design a logistics network to suit the channel members?	Level 5	Evaluating		
3	"Fourth Party logistics is an extension of third-party logistics with value addition."- Comment.	Level 4	Analysing		
4	"Logistics outsourcing will considerably enhance the competiveness of the organization"-Discuss.	Level 5	Evaluating		
5	Explain with examples the ways of improving the operational efficiency of SCM with special reference to out bound logistics in the International trade perspective.	Level 4	Analysing		

# UNIT – III – TRANSPORTATION AND PACKAGING

**SYLLABUS:** Transportation System – Evolution, Infrastructure and Networks – Freight Management – Vehicle Routing – Containerization – Modal Characteristics, Inter-modal Operators and Transport Economies – Packaging Design considerations, Material and Cost – Packaging as Unitisation. Consumer and Industrial Packaging – Types of Packaging material

S.NO	QUESTIONS	BT LEVEL	COMPETENCE
1	Define transportation.	Level 1	Remembering
2	What is meant by Freight Management?	Level 2	Understanding
3	Give some usage of multiple origin derivation points?	Level 3	Applying
4	What inference can you make for containerization?	Level 1	Remembering
5	Can you list the various category of transport cost	Level 2	Understanding
6	List the challenges related to vehicle routing.	Level 3	Applying
7	What are the similarities and difference between routing school buses and routing federal express local pickup delivery trucks?	Level 1	Remembering
8	Can you explain the various modes of transportation used in Logistics Management?	Level 2	Understanding
9	Identify the Industrial packaging and discuss about its significance.	Level 3	Applying
10	List any two problems in Transportation.	Level 1	Remembering
11	List the types of packaging?	Level 2	Understanding
12	Give the concept of Vehicle routing?	Level 3	Applying
13	What is a warehouse?	Level 1	Remembering
14	Identify the factors which influence the design of packaging.	Level 2	Understanding
15	Give the risk involved while going for industrial packing system.	Level 3	Applying
16	List down the difference in consumer and Industrial Packaging?	Level 1	Remembering
17	Specify the objectives of cost associated with packaging?	Level 2	Understanding
18	Compare Transport economics and material cost?	Level 3	Applying
19	Who are inter-modal operators?	Level 1	Remembering
20	Write about the design consideration for containerization.	Level 2	Understanding
21	What is Piggyback?	Level 3	Applying
22	How does the transportation function add utility to products?	Level 1	Remembering

23	What can you say about role and functions of brokers in the transportation system.	Level 2	Understanding
24	What is the difference between cost-of-service and value of	Level 3	Applying
	service pricing in transportation?		

$D \Lambda$	רם	_	В
PA	R	-	Б

	PART- B				
S.NO	QUESTIONS		BT LEVEL	COMPETENCE	
1	What is Transportation system? Discuss its functions in Logistics Management in Detail		Level 1	Remembering	
2	Explain Transportation distribution channel structure in det give suitable example?	tail	Level 2	Understanding	
3	Define transportation and its explain modes in detail		Level 3	Applying	
4	Bring out the factors affecting transportation decisions in details		Level 1	Remembering	
5	Formulate the role and measure followed in transportation logistics in detail		Level 2	Understanding	
6.	Discuss the various elements for strategies for transportation	(7)	Level 1	Remembering	
	Discuss how transportation done for inflammable products in detail.	(6)			
7	Explain the concept of Intermodal operators in detail		Level 1	Remembering	
8	Explain how vehicle routing and scheduling done in all moof transportation	des	Level 2	Understanding	
9	Discuss about the important packaging and design consideration and material cost of it.		Level 3	Applying	
	(i) Define consumer and industrial packaging and explain its features in food product?	(7)	Level 3	Applying	
	(ii) Point out the benefits of consumer and Industrial packaging it. And discuss the significance in Logistics Management in detail.	(6)			
11	How would you explain briefly the probabilistic inventory models?		Level 1	Remembering	
12	How would you summaries packaging play an important roin retail Logistics and explain its scope and opportunities with examples	ole	Level 2	Understanding	

13	Categories the functions of packaging in details.  How would you categories the scope in Logistics	Level 3	Applying
14	How will you use optimization techniques in Transportation? Illustrate with an example.	Level 1	Remembering
15	What is the concept of 'one-stop' transportation buying? What factors support the logic of integrated transportation services?	Level 1	Remembering
16	Why is motor carrier freight transportation the most preferred method of product shipment?	Level 2	Understanding
17	What is the primary purpose of bar coding in packaging? Is the role of bar coding different in material handling?	Level 3	Applying

	PART - C				
S.NO	QUESTIONS	ВТ	COMPETENCE		
		LEVEL	COMI ETENOL		
	In the 21st century firms are focusing upon the logistics				
1	pipeline to meet their customerneed for shorter lead times	Level 4	Analysing		
	or response times. How can warehousing help firms to				
	achieve quicker response time?				
2	Take your own industrial and consumer product, explain its design consideration, material and cost in detail.	Level 5	Evaluating		
3	Logistics is the key to the success of supply chain of a				
	retail organization - Explain	Level 4	Analysing		
4	Movement and storage are the two basic functions of warehousing. Discuss with examples the emphasis placed on these two basic functions in logistics.	Level 5	Evaluating		
5	How modular packaging system enhances overall efficiency of logistical system and also ensures cost and space economics?	Level 4	Analysing		

# UNIT – IV – PERFORMANCE MEASUREMENT AND COSTS

**SYLLABUS:** Performance Measurement and Cost – Need, System, Levels and Dimensions – Internal and External Performance Measurement – Logistics Audit. Total Logistics Cost – Inventory Cost – Warehousing cost – Packaging cost – Freight cost – Concept, Accounting Methods – Cost Identification, Time Frame and Formatting.

S NO	S.NO QUESTIONS		COMPETENCE
3.110	QUESTIONS	LEVEL	COMPETENCE
1	Define Performance Measurement.	Level 1	Remembering
2	What is Asset Management?	Level 2	Understanding
3	Give some usage of Innovations?	Level 3	Applying
4	List the challenges related to logistics performance Level.	Level 1	Remembering
5	Can you list the various category of performance measurement?	Level 2	Understanding
6	State the meaning of Logistics performance control.	Level 3	Applying
7	How do you relate metrics to logistics management?	Level 1	Remembering
8	Can you explain the various modes of Implementation of ABC?	Level 2	Understanding
9	Identify the Conventional Costing and discuss about its significance?	Level 3	Applying
10	List the advantages of ABC to Logistics.	Level 1	Remembering
11	Name the types of Operating Cost.	Level 2	Understanding
12	Write the meaning of Inventory Cost.	Level 3	Applying
13	What are the different drivers of traditional costing method?	Level 1	Remembering
14	List the factors influencing the External measures.	Level 2	Understanding
15	Give the risks involved while going for Traditional Costing.	Level 3	Applying
16	List down the difference of inbound and outbound logistics.	Level 1	Remembering
17	Specify the objectives of logistics audit.	Level 2	Understanding
18	Outline the meaning of Packaging Cost.	Level 3	Applying
19	Define Logistics Audit.	Level 1	Remembering
20	What is external logistics performance?	Level 2	Understanding
21	Why is it important to have accurate cost data for management of the logistics function?	Level 3	Applying
22	What problems are associated with the use of average cost data for decision making?	Level 1	Remembering

23	What problems are associated with the arbitrary allocation of logistics costs?	Level 2	Understanding
24	Why is it difficult to obtain logistics cost data in many firms?	Level 3	Applying

	PART- B			
S.NO	QUESTIONS		BT LEVEL	COMPETENCE
1	What is Performance Measurement? Discuss its functions logistics management in detail.	s in	Level 1	Remembering
2	Explains Logistics Audit? Discuss them briefly.		Level 2	Understanding
3	Define LPC (Logistics Performance Control) and explain i modes in detail.	ts	Level 3	Applying
4	Bring out the factors affecting Logistical performance measurement system in a courier company.		Level 1	Remembering
5	Formulate the role and measures followed in Performance measurement perspectives.	е	Level 2	Understanding
6.	How would you evaluate Internal and External Performan Measurement? Give with an example.	ce	Level 3	Applying
7.	Explain the steps in building activity based costing model.  Elucidate the major steps in ABC system implementation in detail.	(7) (6)	Level 1	Remembering
8	What is the purpose of activity based costing.  What is meant by structuring budgets on a "line item basis"? How does this approach affect the budget process?	(6)	Level 2	Understanding
9	How will you estimate total logistics costs? Illustrate with a example.	an	Level 3	Applying
10	Explain the three objectives for developing and implement performance measurement system.	ting	Level 3	Applying
11	Why is it critical that logistics reporting systems reflect dynamic rather than static performance?		Level 1	Remembering
12	How does benchmarking related to performance measurement differ to logistical reengineering?  Explain its scope and opportunities with examples.	(7) (6)	Level 2	Understanding
13	Describe and illustrate dynamic knowledge based reporting	ng.	Level 3	Applying

14	What is the purpose of trend report? How does it utilize status report information?	Level 1	Remembering
15	Discuss the various approaches to control inventory investment.	Level 1	Remembering
16	What are the various factors that determine the cost of packaging?	Level 2	Understanding
17	Explain in detail different strategies to reduce freight cost.	Level 3	Applying

	PART – C			
S.NO	QUESTIONS	ВТ	COMPETENCE	
		LEVEL	COMPETENCE	
1	"Performance Measurement system tracks the health of the logistics process". Explain.	Level 4	Analysing	
	For a Performance measurement and control system to keep	Level 5		
2	track of supply chain health on a real time basis, it should be		Evaluating	
	backed by a well designed logistics information system.			
	Discuss.			
3	Differentiate between the effectiveness of traditional costing and activity based costing methods in the context of logistics costing.	Level 4	Analysing	
4	Explain how costing methods can help managers to manage and control logistics cost.	Level 5	Evaluating	
5	Draw the overview of International Logistics flow of Cargo from exporter premises to importer premises and briefly explain those phases.	Level 4	Analysing	

#### UNIT – V – CURRENT TRENDS

**SYLLABUS:** Logistics Information Systems – Need, Characteristics and Design – E-Logistics – Structure and Operation – Logistics Resource Management eLRM – Requirement of Logistics in E-Commerce – Automatic Identification Technologies – App based Tracking Systems – Reverse Logistics – Scope, design and as a competitive tool – Global Logistics – Operational and Strategic Issues, ocean and air transportation – Strategic logistics planning – Green Logistics.

S.NO	QUESTIONS	ВТ	COMPETENCE
		LEVEL	
1	Define Logistics Information Systems.	Level 1	Remembering
2	List the objectives of Designing LIS.	Level 2	Understanding
3	How would you show your understanding of Information Collection System?	Level 3	Applying
4	List the importance of Order Processing.	Level 1	Remembering
5	Can you assess the need of E-Logistics?	Level 2	Understanding
6	Differentiate between Domestic and Global Logistics.	Level 3	Applying
7	What are the purposes of Insurance?	Level 1	Remembering
8	How would you explain the App based tracking systems?	Level 2	Understanding
9	How would you apply the stages in LRM?	Level 3	Applying
10	Define the term Reverse Logistics.	Level 1	Remembering
11	Can you identify the different objectives of Reverse	Level 2	Understanding
	Logistics?		
12	What is your opinion on E-Commerce Requirements on	Level 3	Applying
40	Logistics?	L aval 4	Down and a via a
13	Can you recall the Strategic Issues?	Level 1	Remembering
14	Outline the different responsiveness to green strategy.	Level 2	Understanding
15	How would you show your understanding of Green	Level 3	Applying
	Logistics?		
16	Distinguish between inter functional and inter organizational	Level 3	Applying
	management in logistics Management?		117 3
17	Define Global Logistics.	Level 1	Remembering
18	Write some of the current technologies used in automatic	Level 2	Understanding
	identification.		21.22.2.44.14.1.19
19	What are the benefits of Global Logistics?	Level 1	Remembering

20	Define Green Logistics.	Level 1	Remembering
21	Can you list advanced technology used in logistics?	Level 1	Remembering
22	Why do we need e-logistics and Technology Management?	Level 2	Understanding
23	What are the major characteristics of e-commerce in logistic services?	Level 3	Applying
24	Are e-logistics and e-commerce the same thing?	Level 1	Remembering

# PART- B

S.NO	QUESTIONS		BT LEVEL	COMPETENCE
1	Elucidate the need and development of logistics information system in detail.	n	Level 1	Remembering
2	Explain Logistics Resource Management? Explain them briefly.		Level 2	Understanding
3	Define LIS and Design and Explain in detail.		Level 1	Remembering
4	(i)Bring out the levels of Logistics Information systems in detail.	(7)	Level 1	Remembering
-	(ii) Elucidate desired characteristics of Logistics Information System?	(6)		
	(i) Can you elaborate E-Commerce Transactions?	(7)	Level 2	Understanding
5	(ii) Discuss in detail about factors affecting online commercial transactions.	(6)		
6.	Discuss the various E-Commerce logistics solutions.	•	Level 3	Applying
	(i) Explain the role of intermediaries in global logistics.	(7)	Level 1	Remembering
7	(ii) How "free trade zones" and "trading blocks" influence global logistics.	(6)		
	Discuss the Inventory: "Make to order or Make to stocks".	(7)	Level 2	Understanding
8	Distinguish between Inter functional and inter- Organizational management logistics management.	(6)		
9	Discuss about E-Commerce logistics software applications details.	s in	Level 3	Applying
10	What are the operational and strategic issues in Ocean and Air transportation? Give examples.		Level 3	Applying
11	How would strategic marketing planning apply to green logistics initiatives?		Level 1	Remembering

12	What dimensions of an internal and external environment might be affected by green supply chain initiatives?		Level 2	Understanding
13	(i) Develop Shipper's guide to green logistics Describe in detail?	(7)	Level 1	Remembering
	(ii) Plan control and compliances in detail.	(6)	Level 1	Remembering
14	Explain the z-logistics in terms of structure and operation.		Level 1	Remembering
15	How does a national perspective of Global logistics restrict logistical policy and decision making?		Level 1	Remembering
16	Explain why a facility network structure requires greater flexibility for global operations compared to domestic operations.		Level 2	Understanding
17	Compare and contrast the primary focus of the different levels of LIS functionality.		Level 3	Applying

PART - C							
S.NO	QUESTIONS	BT LEVEL	COMPETENCE				
1	Efficiency and Effectiveness of the logistic system depends on the information requirements at the operational and tactical levels respectively. Explain.	Level 4	Analysing				
2	"Containerization has eliminated many barriers in cross- border movement of goods" Explain.	Level 5	Evaluating				
3	Explain how "Green Logistics" strategies can be tuned to a product life cycle approach adopted by companies.	Level 4	Analysing				
4	Elucidate the Recent trends in logistics control with suitable examples.	Level 5	Evaluating				
5	Discuss the key inter-related activities of Logistics Management cycle.	Level 4	Analysing				