

Enrollment No.....



Faculty of Engineering
End Sem (Odd) Examination Dec-2022
OE00048 Supply Chain Management

Programme: B.Tech.

Branch/Specialisation: All

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i.determines the nature of procurement of raw materials, transportation of materials to and from the company. 1
- (a) Supply Chain Strategy
(b) Product Development Strategy
(c) Marketing & Sales Strategy
(d) None of these
- ii. Process in supply chain are divided in to two categories depending upon whether they are executed to a customer order or in anticipation of a customer order, is which type of supply chain view 1
- (a) Supply chain macro process (b) Push and pull view
(c) Cycle view (d) None of these
- iii. Changing the distribution network design affects the following supply chain costs- 1
- (a) Inventories (b) Transportation
(c) Both (a) and (b) (c) None of these
- iv. Product is shipped directly from the manufacturer to the end customer, bypassing the retailer- 1
- (a) Distributor Storage with Carrier Delivery
(b) Manufacturer Storage with Direct Shipping and In-Transit Merge
(c) Drop Shipping
(d) All of these
- v.is a route on which a truck either delivers product from a single supplier to multiple retailers or goes from multiple suppliers to a single buyer location. 1
- (a) Cross Docking (b) Milk Run
(c) Traditional Retail (d) In transit


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- vi. What analogy could be used when talking about supply chain risk pooling? **1**
 (a) Putting all your eggs in one basket
 (b) Counting your chickens before they hatch
 (c) Chickens are coming home to roost
 (d) Bird in the hand is worth two in the bush
- vii. The _____ has made it possible for other companies to eliminate intermediaries and sell directly to the end consumer. **1**
 (a) SCM (b) Internet
 (c) Competition (d) Global sourcing
- viii. The electronic integration and management of all procurement activities including purchase request, authorization, ordering, delivery and payment between a purchaser and supplier is known as- **1**
 (a) E-procurement system (b) E-procurement
 (c) E-procurement process (d) All of these
- ix. Which one of the following is not the component of sourcing decision- **1**
 (a) In-house or outsource (b) Supplier selection
 (c) Procurement (d) None of these
- x. 3PL stands for- **1**
 (a) Three points logistics (b) Third party logistics
 (c) Third party legislation (d) Third procurement location
- Q.2 i. Describe the strategic view of supply chain management. **2**
 ii. What are objectives of supply chain management? **3**
 iii. Explain the Process view of supply chain management. **5**
- OR iv. What is strategic fit? Explain how strategic fit is achieved. **5**
- Q.3 i. Why is it important to consider uncertainty when evaluating supply chain design decisions? **4**
 ii. Enlist the various design options for a distribution network and explain any four of them. **6**
- OR iii. Explain the various factors influencing network design decisions. **6**
- Q.4 i. Describe the classic techniques of risk management. **4**
 ii. Explain the following distribution strategies – Pool distribution, Transshipment, Milk-Run Systems. **6**

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- OR iii. What is supply chain integration and ware house management? Give the differences between direct shipping and cross docking. **6**
- Q.5 i. Define Supplier Relationship Management and purchasing. **4**
 ii. Explain the internet driven SRM Environment. **6**
- OR iii. Describe the e-SRM structural overview and e-SRM processing. **6**
- Q.6 Attempt any two:
 i. Explain the sourcing decision process. **5**
 ii. Discuss the risk of using third party logistics. **5**
 iii. Define Packaging also explain the various design considerations of packaging. **5**

Scheme of Marking

	Faculty of Engineering	
	End Sem (Odd) Examination Dec-2022	
	OE00048-Supply Chain Management	
	Programme: B.Tech.	Branch/Specialisation:

Note: The Paper Setter should provide the answer wise splitting of the marks in the scheme below.

Q.1	i)determines the nature of procurement of raw materials, transportation of materials to and from the company. a) Supply chain Strategy b) Product Development Strategy c) Marketing & Sales Strategy d) None of These	1
	ii) Process in supply chain are divided in to two categories depending upon wheter they are executed to a customer order or in anticipation of a customer order , is which type of supply chain view a) Supply chain macro process b) Push and pull view c) Cycle view d) None of these	1
	iii) Changing the distribution network design affects the following supply chain costs a) Inventories b) Transportation c) Both 'a' and 'b' c) None of these	1
	iv) Product is shipped directly from the manufacturer to the end customer, bypassing the retailer a) Distributor Storage with Carrier Delivery b) Manufacturer Storage with Direct Shipping and In-Transit Merge c) Drop Shipping d) All of These	1
	v)is a route on which a truck either delivers product from a single supplier to multiple retailers or goes from multiple suppliers to a single buyer location a) Cross Docking b) Milk Run c) Traditional Retail d) In transit	1
	vi) What analogy could be used when talking about supply chain risk pooling? a) Putting all your eggs in one basket b) Counting your chickens before they hatch c) Chickens are coming home to roost	1

	d) bird in the hand is worth two in the bush	
vii)	The _____ has made it possible for other companies to eliminate intermediaries and sell directly to the end consumer. a) SCM b) Internet c) Competition d) global sourcing	1
viii)	The electronic integration and management of all procurement activities including purchase request, authorization, ordering, delivery and payment between a purchaser and supplier is known as (a) E-procurement system, (b) E-procurement (c) E-procurement process (d) All of these	1
ix)	Which one of the following is not the component of sourcing decision a) in-house or outsource b) supplier selection c) procurement d) None of these	1
x)		1
Q.2	i. Defining Strategic view of SCM – 2 mark	2
	ii. Any 3 objective - 3 marks	3
	iii. Process view of SCM Explaining Cycle view – 3 marks Explaining Push pull view – 2 marks	5
OR	iv. Defining Strategic fit – 1 mark How to achieve strategic fit - 4 marks	5
Q.3	i. Describing any 4 importance – (1 mark each) 1*4 = 4marks	4
	ii. Explaining 4 network distribution design option (1.5 mark each)	6
OR	iii. Any 6 factors (1 mark each)	6
Q.4	i. any two methods of risk management - 2 marks each	4
	ii. Explaining given distribution strategies – 2 marks each	6
OR	iii. Definition of SCM and warehouse management – 2 marks Differences b/w direct shipping and cross dock – 4 marks	6
Q.5	i. Defining SRM and purchasing – 2 marks each	4
	ii. Internet driven SRM environment Enplaning all the components - 4 marks Diagram – 2 marks	6
OR	iii. e-SRM structural overview – 3 marks	6

		e- SRM processing – 3 marks	
Q.6			
	i.	Explaining 5 step process – 5 marks (1 marks for each step)	5
	ii.	Describing any 5 risk - 5 marks (1 mark each)	5
	iii.	Definition of packaging – 1 marks Packaging considerations – 4 marks	5
