



**SIDDHARTH GROUP OF INSTITUTIONS:: PUTTUR  
(AUTONOMOUS)**

Siddharth Nagar, Narayanavanam Road – 517583

**QUESTION BANK (DESCRIPTIVE)**

**Subject with Code:** SUPPLY CHAIN MANAGEMENT  
(18HS0860)

**Course & Branch:** B.Tech - MECH

**Year & Sem:** III-B.Tech & I-Sem

**Regulation:** R18

**UNIT –I**

**Role of Distribution in Value discovery**

|    |   |                        |                |
|----|---|------------------------|----------------|
| 1  | Define the following:   |                        |                |
| a  | Amalgamation of Shipments   | [L1][CO1]              | [2M]           |
| b  | SCM Philosophy  | [L1][CO1]              | [2M]           |
| c  | Contract Negotiation  | [L1][CO6]              | [2M]           |
| d  | Supplier Selection  | [L1][CO1]              | [2M]           |
| e  | Customer chain  | [L1][CO1]              | [2M]           |
| 2  | a. Explain the distinction between distribution logistics and supply chain management.<br>b. Explain SCM Nature and Scope.  | [L2][CO1]<br>[L1][CO1] | [04M]<br>[06M] |
| 3  | a. What is Outsourcing of distribution logistics?<br>b. Explain reasons for outsourcing.  | [L1][CO1]<br>[L2][CO1] | [05M]<br>[05M] |
| 4  | a. Explain the Distinction between distribution logistics and supply chain management.<br>b. How agriculture sector using distribution logistics and supply chain management. | [L1][CO1]<br>[L3][CO5] | [05M]<br>[05M] |
| 5  | a. What is the significance of Supply Chain management?<br>b. What conclusions you can draw supply chain strategy?  | [L1][CO1]<br>[L4][CO1] | [03M]<br>[07M] |
| 6  | a. Define Fundamentals of Supply Chain management with suitable examples.<br>b. What would happen if decision phrases go wrong?   | [L1][CO1]<br>[L5][CO1] | [05M]<br>[05M] |
| 7  | a. Explain Supply chain strategy in step wise process<br>b. How would you explain measuring performance in supply chain?  | [L1][CO1]<br>[L6][CO1] | [05M]<br>[05M] |
| 8  | a. State the 'Evolution of supply chain management'.<br>b. How would you test supply chain performance?   | [L1][CO1]<br>[L4][CO1] | [05M]<br>[05M] |
| 9  | a. Explain the role of Supply Chain Management in Economy<br>b. Examine revolutions in supply chain market.   | [L2][CO1]<br>[L4][CO1] | [03M]<br>[07M] |
| 10 | a. State the Enablers/Drivers of Supply Chain Performance.<br>b. Demonstrate understanding of distribution logistics.   | [L1][CO1]<br>[L3][CO1] | [07M]<br>[03M] |

**UNIT –II**

**Strategic Sourcing**

|   |  |                        |                |
|---|--|------------------------|----------------|
|   | Define the following:  |                        |                |
| 1 | a World Wide Sourcing  | [L1][CO2]              | [2M]           |
|   | b Supplier Development   | [L1][CO2]              | [2M]           |
|   | c Contract Negotiation   | [L1][CO2]              | [2M]           |
|   | d Supplier Selection   | [L1][CO2]              | [2M]           |
|   | e Customer chain   | [L1][CO2]              | [2M]           |
| 2 | a. Define Strategic Sourcing. Explain its Nature and Scope.<br>b. What can you say about supplier solutions? | [L1][CO2]<br>[L2][CO2] | [05M]<br>[05M] |

|    |   |                          |                |
|----|---|--------------------------|----------------|
| 3  | a. What is Outsourcing? How does it will help organization?<br>b. Watch choice would you have made while negotiating if you are doing a business? | [L1][CO2]<br>[L6][CO2]   | [04M]<br>[06M] |
| 4  | a. Explain how to Identify core processes in supply chain.<br>b. Can you formulate a theory for make versus buy?                                  | [L1][CO2]<br>[L5][CO2]   | [05M]<br>[05M] |
| 5  | a. What is the significance of World Wide Sourcing in supply chain management.?<br>b. What idea justify market versus hierarchy?                  | [L1][CO1,2]<br>[L4][CO2] | [05M]<br>[05M] |
| 6  | a. State how Supplier Selection process is done.<br>a. How would you clarify supplier development?  | [L1][CO2]<br>[L3][CO2]   | [05M]<br>[05M] |
| 7  | a. Distinguish between Make Vs buy with examples.<br>b. How does Make Vs buy continuum of goods help in business decision making?                 | [L2][CO2]<br>[L4][CO2]   | [05M]<br>[05M] |
| 8  | a. Distinguish between Market Vs Hierarchy with examples.<br>b. Illustrate Market Vs Hierarchy system with the diagram and explain.               | [L1][CO2]<br>[L1][CO2]   | [05M]<br>[05M] |
| 9  | a. Explain Sourcing strategy with process.<br>b. If you are a manager what are the issues you negotiate with suppliers                            | [L1][CO2]<br>[L6][CO2]   | [05M]<br>[05M] |
| 10 | a. State how to Supplier Selection process is done.<br>b. How would you clarify supplier development?   | [L1][CO2]<br>[L4][CO2]   | [03M]<br>[07M] |

**UNIT –III**  
**Supply Chain Network**

|           |          |   |           |       |
|-----------|----------|---|-----------|-------|
|           |          | Define the following:   |           |       |
| <b>1</b>  | <b>a</b> | Network Design decisions  | [L1][CO3] | [2M]  |
|           | <b>b</b> | Decision trees  | [L1][CO3] | [2M]  |
|           | <b>c</b> | Inventory cost  | [L1][CO3] | [2M]  |
|           | <b>d</b> | Facilities cost   | [L1][CO3] | [2M]  |
|           | <b>e</b> | Transit time.   | [L1][CO3] | [2M]  |
| <b>2</b>  | a.       | Write a short note on Supply Chain Network.   | [L1][CO3] | [05M] |
|           | b.       | Explain supply chain importance.  | [L1][CO3] | [05M] |
| <b>3</b>  | a.       | What is Distribution Network Design?  | [L1][CO3] | [05M] |
|           | b.       | Explain its role and functions.   | [L1][CO3] | [05M] |
| <b>4</b>  | a.       | Explain detailed about the Influencing options.                                     | [L1][CO3] | [05M] |
|           | b.       | How would you prove network designing is important for organisations?               | [L3][CO3] | [05M] |
| <b>5</b>  | a.       | What is the significance of Value Addition in supply chain management?              | [L1][CO3] | [05M] |
|           | b.       | How would you categorize capital allocation?  | [L4][CO3] | [05M] |
| <b>6</b>  | a.       | Define distribution Strategies with suitable examples.                              | [L1][CO3] | [04M] |
|           | b.       | Design a network for agriculture based businesses.                                  | [L6][CO5] | [06M] |
| <b>7</b>  | a.       | Distinguish between Models for facility and location with examples.                 | [L2][CO3] | [05M] |
|           | b.       | How does this distribution center location models works? Explain in your own words. | [L3][CO3] | [05M] |
| <b>8</b>  | a.       | What is the significance of facility and location?                                  | [L2][CO5] | [05M] |
|           | b.       | How does decision making helps in Supply Chain Performance?                         | [L2][CO5] | [05M] |
| <b>9</b>  | a.       | State the Enablers/Drivers of Supply Chain Performance.                             | [L1][CO6] | [05M] |
|           | b.       | Interpret in your own words the understanding of distribution logistics.            | [L2][CO3] | [05M] |
| <b>10</b> | a.       | State the Supply Chain Network optimization models.                                 | [L2][CO3] | [04M] |
|           | b.       | How would you explain about optimization model.                                     | [L1][CO3] | [06M] |

**UNIT –IV**  
**Planning Demand, Inventory And Supply**

|           |          |  |           |       |
|-----------|----------|--|-----------|-------|
| <b>1</b>  |          | Define the following:  |           |       |
|           | <b>a</b> | Multiple location  | [L1][CO4] | [2M]  |
|           | <b>b</b> | Inventory management.  | [L1][CO4] | [2M]  |
|           | <b>c</b> | Pricing  | [L1][CO5] | [2M]  |
|           | <b>d</b> | Revenue Management   | [L1][CO4] | [2M]  |
|           | <b>e</b> | Risk Pooling   | [L1][CO4] | [2M]  |
| <b>2</b>  | a.       | What is the need of Managing supply chain cycle inventory?   | [L1][CO4] | [05M] |
|           | b.       | How do you face Uncertainty in the supply chain.   | [L4][CO4] | [05M] |
| <b>3</b>  | a.       | How do you manage supply chain cycle inventory?  | [L3][CO5] | [04M] |
|           | b.       | How does supply chain system help organization?  | [L1][CO4] | [06M] |
| <b>4</b>  | a.       | Explain how to identify Uncertainty in the supply chain.   | [L2][CO4] | [05M] |
|           | b.       | Why would Amazon choose multi location inventory management?   | [L4][CO5] | [05M] |
| <b>5</b>  | a.       | What is the significance of Analyzing impact of supply chain redesign on the inventory?                      | [L1][CO4] | [05M] |
|           | b.       | Construct product life cycle for Nokia.  | [L6][CO5] | [05M] |
| <b>6</b>  | a.       | Define Risk Pooling with suitable examples.  | [L1][CO5] | [05M] |
|           | b.       | What would results if managing inventory for short life in agriculture product basis is implemented rightly? | [L3][CO4] | [05M] |
| <b>7</b>  | a.       | Distinguish between Planning and Demand with examples.   | [L3][CO4] | [05M] |
|           | b.       | How does Inventory And Supply of goods help in business decision making?                                     | [L1][CO4] | [05M] |
| <b>8</b>  | a.       | How to Managing inventory for short life products?   | [L1][CO4] | [05M] |
|           | b.       | How does IT sector will help organization in SCM?  | [L1][CO4] | [05M] |
| <b>9</b>  | a.       | Explain product life cycle with process.   | [L1][CO4] | [05M] |
|           | b.       | Construct a model that could choose supply chain redesigning on inventory for automobile industry.           | [L3][CO6] | [05M] |
| <b>10</b> | a.       | Explain about how to multiple item process is done for supply chain system.                                  | [L1][CO4] | [05M] |
|           | b.       | Do you think multi items management will help large industries?  | [L4][CO4] | [05M] |

**UNIT –V**  
**Current Trends**

|          |          |   |           |       |
|----------|----------|---|-----------|-------|
|          |          | Define the following:   |           |       |
| <b>1</b> | <b>a</b> | SC process  | [L1][CO5] | [2M]  |
|          | <b>b</b> | restructuring   | [L1][CO5] | [2M]  |
|          | <b>c</b> | IT in Supply Chain  | [L1][CO6] | [2M]  |
|          | <b>d</b> | Agile Supply Chains   | [L1][CO6] | [2M]  |
|          | <b>e</b> | Reverse Supply chain  | [L1][CO5] | [2M]  |
| <b>2</b> | a.       | Explain the current Trends in SCM.  | [L4][CO6] | [05M] |
|          | b.       | Explain supply chain current Nature and Scope.                                      | [L2][CO6] | [05M] |
| <b>3</b> | a.       | What is Supply Chain Integration?   | [L1][CO5] | [05M] |
|          | b.       | How does SC process restructuring help IT organization?                             | [L3][CO6] | [05M] |
| <b>4</b> | a.       | Relate how to build partnership and trust in SC.                                    | [L2][CO5] | [03M] |
|          | b.       | Assume you are the CEO of Facebook how would you use supply chain system.           | [L6][CO6] | [07M] |
| <b>5</b> | a.       | Explain the importance of building partnership and trust in SC.                     | [L2][CO5] | [05M] |
|          | b.       | Interpret the downfall of ambassador car with reference to supply chain technology. | [L5][CO6] | [05M] |
| <b>6</b> | a.       | Recall bullwhip effect with suitable examples.                                      | [L1][CO1] | [05M] |
|          | b.       | Examine the reasons underlying supply chain failure in India.                       | [L4][CO5] | [05M] |
| <b>7</b> | a.       | Distinguish between forecasting Vs implementation with examples.                    | [L3][CO5] | [05M] |
|          | b.       | What information with you used to support the views on reverse supply chain?        | [L5][CO5] | [05M] |
| <b>8</b> | a.       | Explain how SC Mapping works with examples.   | [L1][CO4] | [05M] |

|           |   |           |       |
|-----------|---|-----------|-------|
|           | b. Can you make a distinction between IT and non IT supply chain?   | [L4][CO6] | [05M] |
| <b>9</b>  | a. why SC Mapping works done before launching products.             | [L4][CO5] | [05M] |
|           | b. What factors would you select to show coordinating supply chain? | [L2][CO5] | [05M] |
| <b>10</b> | a. State how SC Restructuring process is done.                      | [L2][CO5] | [05M] |
|           | b. How would you test bullwhip effect?                              | [L5][CO6] | [05M] |

**Prepared by:**

**Mr. Sai Chandu.K**  
**Assistant Professor**