

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**B.Tech. IV Year I Semester Regular & Supplementary Examinations December-2024**  
**SUPPLY CHAIN MANAGEMENT**  
(Common to CE & AGE)

**Time: 3 Hours****Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

**UNIT-I**

- |   |  |     |    |    |
|---|--|-----|----|----|
| 1 | a What is the scope of Supply Chain management?      | CO1 | L1 | 6M |
|   | b How do you design a distribution logistics system? | CO1 | L2 | 6M |

OR

- |   |  |     |    |     |
|---|--|-----|----|-----|
| 2 | What is supply chain management? How many players are in the supply chain? | CO1 | L3 | 12M |
|---|--|-----|----|-----|

**UNIT-II**

- |   |   |     |    |    |
|---|---|-----|----|----|
| 3 | a How do you select and negotiate with suppliers?                               | CO2 | L2 | 6M |
|   | b What are the five key guidelines when conducting negotiations with suppliers? | CO2 | L6 | 6M |

OR

- |   |   |     |    |    |
|---|---|-----|----|----|
| 4 | a Explain the sourcing strategy with the process.                         | CO2 | L4 | 6M |
|   | b If you are a manager, what are the issues you negotiate with suppliers? | CO2 | L6 | 6M |

**UNIT-III**

- |   |   |     |    |    |
|---|---|-----|----|----|
| 5 | a What is Distribution Network Design?                      | CO3 | L2 | 6M |
|   | b Identify factors influencing supply chain network design. | CO3 | L3 | 6M |

OR

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|---|--|-----|----|----|
| 6 | a Define distribution strategies with suitable examples. | CO3 | L1 | 6M |
|   | b Design a network for agriculture based businesses.     | CO3 | L6 | 6M |

**UNIT-IV**

- |   |  |     |    |    |
|---|--|-----|----|----|
| 7 | a Explain how to identify uncertainty in the supply chain.     | CO4 | L2 | 6M |
|   | b Why would Amazon choose multi location inventory management? | CO4 | L4 | 6M |

OR

- |   |   |     |    |    |
|---|---|-----|----|----|
| 8 | a Define Risk Pooling with suitable examples.   | CO4 | L1 | 6M |
|   | b What would result if managing inventory for short life in agriculture product basis is implemented rightly? | CO4 | L3 | 6M |

**UNIT-V**

- |   |   |     |    |    |
|---|---|-----|----|----|
| 9 | a What is supply chain integration?                       | CO5 | L1 | 6M |
|   | b How does SC process restructuring help IT organization? | CO6 | L3 | 6M |

OR

- |    |   |     |    |    |
|----|---|-----|----|----|
| 10 | a Recall bullwhip effect with suitable examples.                | CO1 | L1 | 6M |
|    | b Examine the reasons underlying supply chain failure in India. | CO5 | L4 | 6M |

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