

Term End Examination: June – 2018
Management Programme
Logistics and Supply Chain Management

MP-09

Time: 3 hours

Full Marks: 100

Read the instructions carefully before attempting questions from each group.

GROUP – A

Q.No. 1. Answer all questions selecting the right options. Each carries 1 Mark [1 X 10 = 10]

(i) VMI stands for

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|--------------------------------|--------------------------------|
| a. Vendor material inventory | b. Vendor managed inventory |
| c. Variable material inventory | d. Valuable material inventory |

(ii) Logistics is the part of a supply chain involved with the forward and reverse flow of

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|----------|-------------|---------|---------------------|
| a. Goods | b. Services | c. Cash | d. All of the above |
|----------|-------------|---------|---------------------|

(iii) Lead time and order cycle times are the same as:

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|--------------------------|----------------------|---------------------------|
| a. Customer service time | b. supply chain flow | c. logistical clockage |
| d. Replenishment time | | e. real time service time |

(iv) In level scheduling, what is kept uniform from month to month?

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|--------------------------------|---------------------|---------------------------|
| a. Product mix | b. inventory levels | c. demand levels |
| d. Production/workforce levels | | e. sub-contracting levels |

(v) Planning tasks associated with job scheduling, machine loading, and dispatching typically falls under

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|-----------------------------|-----------------------------|-----------------------|
| a. Long-range plans | b. intermediate-range plans | c. Short-range plans |
| d. Mission-related planning | | e. Strategic planning |

(vi) In physical distribution decisions, total logistics cost includes:

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|----------------------|--|----------------------|
| a. Order processing. | b. Materials handling and warehousing. | |
| c. Transportation. | D. Inventory and stock outs. | e. All of the above. |

(vii) Which of the following is international trade?

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|----------------------------|--------------------------|
| a. Trade between provinces | b. Trade between regions |
| c. Trade between countries | d. (b) and (c) of above |

(viii) A tariff

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|-------------------------------------|--------------------------------|
| a. Increases the volume of trade | b. Reduces the volume of trade |
| c. Has no effect on volume of trade | d. (a) and (c) of above |

(ix) What are Elements of Logistics System?

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|-------------------|----------------|-------------------------|-----------------|
| a. Transportation | b. Warehousing | c. Inventory Management | d. All of these |
|-------------------|----------------|-------------------------|-----------------|

(x) Buying according to the requirements is called

- a. Seasonal Buying b. Hand to mouth buying c. Scheduled Buying d. Tender Buying

GROUP – B

Q.No. 2. Answer any 4 questions each within 50 words. Each carries 5 marks [5 X 4 = 20]

- (a) What do you understand by 'Raw Materials'?
- (b) Define supply chain management in your own words.
- (c) What do you mean by "procurement" in supply chain?
- (d) Define stock keeping Unit (SKU) with examples.
- (e) What do you mean by "External Integration" in case of Supply chain?
- (f) What do you understand by "warehousing"?

GROUP – C

Q.No.3. Answer any 4 questions each within 200 words. Each carries 10 Marks [10 X 4 = 40]

- (a) Write various internal and external risks that are observed during a supply chain flow.
- (b) Write short notes on "Value chain analysis".
- (c) Describe various factors that affect aggregate planning.
- (d) Describe the advantages of MRP for Supply Chain Management Department.
- (e) Write down various functions of Logistics?
- (f) Identify the differences between manufacturing resource planning (MRP II) and materials requirements planning (MRP)

GROUP – D

Q.No.4. Answer any 2 questions each within 250 words. Each carries 15 Marks. [15 X 2 = 30]

- (a) Explain in detail about 5M's of management.
 - (b) Describe various limitations of material handling.
 - (c) Design the supply chain of an apple juice production and explain various components?
 - (d) Why do companies hold inventory? Explain with examples.
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