

CS/BSCM/SEM-5/BSCM-502/2011-12

2011

FACILITIES MANAGEMENT

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$

i) A major function of the master carton is to protect products from

- a) loss b) damage
- c) movement d) none of these.

ii) Which of the following is not considered for measurement of material handling efficiency ?

- a) Humidity b) Unitization
- c) Product d) Communication.

iii) UPC stands for

- a) Universal Product Category
- b) Universal Product Code
- c) Union Public Consumption
- d) None of these.

iv) Consolidation is a benefit of warehousing.

- a) commercial b) economic
- c) environmental d) service level.

v) The design and operation of a warehouse are directly related to product

- a) structure b) failure
- c) mix d) price.
- vi) The ideal package of material handling would be a perfect cube with maximum
 - a) length b) depth
 - c) density d) long.
- vii) Engineering factor of materials handling is
 - a) ceiling height
 - b) sequence of operation
 - c) width
 - d) buildings & plant layout.
- viii) Low density package means
 - a) lower warehouse cost
 - b) higher transportation
 - c) quality improvement
 - d) none of these.
- ix) Handling system should be designed to provide
 - a) maximum product flow
 - b) minimum area
 - c) floor space
 - d) high ceiling.
- x) In automated handling system, amount of investment requires
 - a) 70% b) 40%
 - c) 50% d) 90%.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Define the concept of Automated handling procedures.

3. What factors should you consider for selecting material handling equipment ?
4. "Material handling does not add value to the product." Do you agree ?
5. State the concept of Material Handling.

GROUP – C

(Long Answer Type Questions)

Answer any *three* questions. $3 \times 15 = 45$

6. a) State the objectives of Material Handling.
b) Discuss the important principles of Material Handling system. $5 + 10$
7. What do you mean by warehouse functionality ? What principles should you follow for operating a warehouse ?
Compare Private and Public warehouse. $2 + 8 + 5$
8. a) Define the meaning of packaging.
b) Explain the main functions of packaging. $5 + 10$
9. a) Mention the different packaging materials.
b) Highlight the importance of packaging. $8 + 7$
10. Write notes on the following : $2 \times 7 \frac{1}{2}$
 - a) Industrial packaging.
 - b) Economic factors of Material Handling.