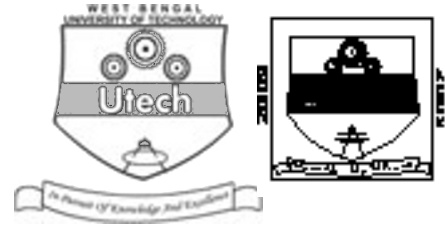


**CS/MBA (SUPPLE)/SEM-3/MB-304/09
MATERIALS MANAGEMENT (SEMESTER - 3)**



1.
Signature of Invigilator

2.
Signature of the Officer-in-Charge

Reg. No.

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Roll No. of the Candidate

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**CS/MBA (SUPPLE)/SEM-3/MB-304/09
ENGINEERING & MANAGEMENT EXAMINATIONS, JULY – 2009
MATERIALS MANAGEMENT (SEMESTER - 3)**

Time : 3 Hours]

[Full Marks : 70

INSTRUCTIONS TO THE CANDIDATES :

- This Booklet is a Question-cum-Answer Booklet. The Booklet consists of **32 pages**. The questions of this concerned subject commence from Page No. 3.
- In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.
 - For **Groups – B & C** you have to answer the questions in the space provided marked 'Answer Sheet'. Questions of **Group – B** are Short answer type. Questions of **Group – C** are Long answer type. Write on both sides of the paper.
- Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.
- Read the instructions given inside carefully before answering.
- You should not forget to write the corresponding question numbers while answering.
- Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
- Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**
- You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, **which will lead to disqualification**.
- Rough work, if necessary is to be done in this booklet only and cross it through.

No additional sheets are to be used and no loose paper will be provided

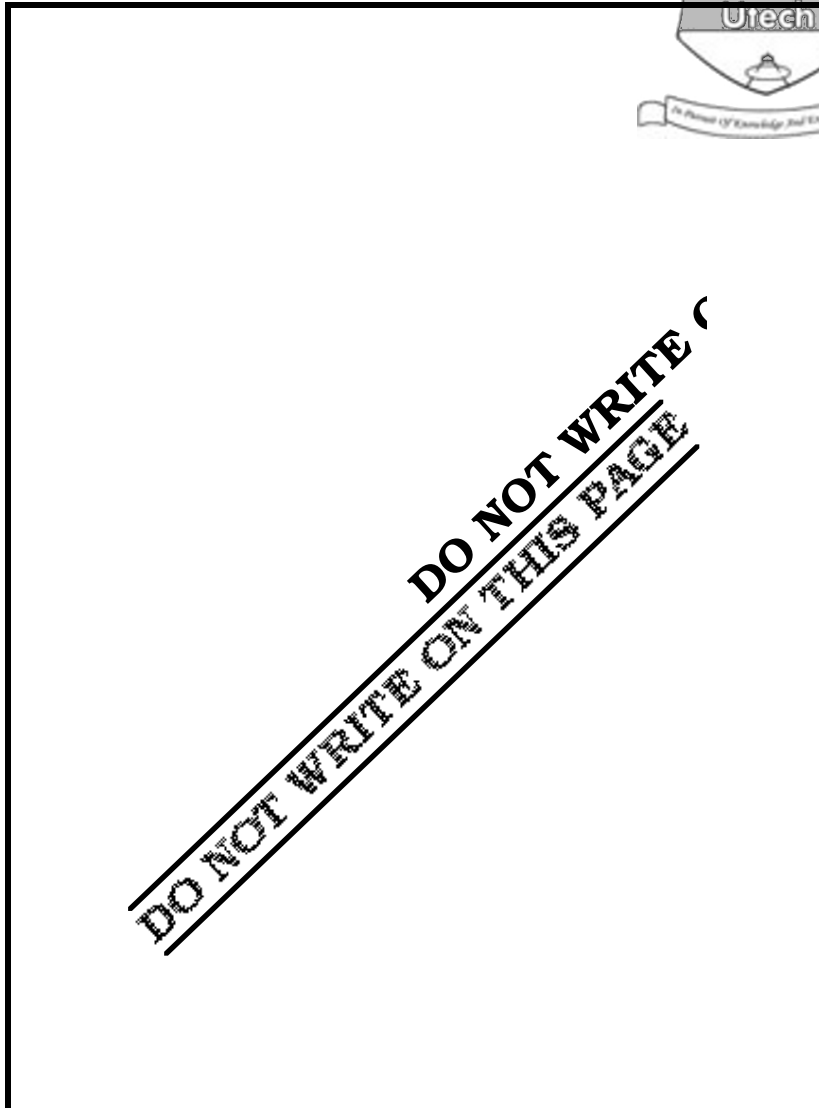
FOR OFFICE USE / EVALUATION ONLY

Marks Obtained

Question Number	Group – A					Group – B					Group – C					Total Marks	Examiner's Signature
Marks Obtained																	

.....
Head-Examiner/Co-Ordinator/Scrutineer

S-52011 (21/07)





CS/MBA (SUPPLE)/SEM-3/MB-304/09
MATERIALS MANAGEMENT
SEMESTER - 3



Time : 3 Hours]

[Full Marks : 70

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : 10 × 1 = 10
- i) Which of the following would not be included in calculating inventory carrying cost ?
- | | | |
|------------------------|-------------------|--------------------------|
| a) Capital cost | b) Insurance cost | |
| c) Transportation cost | d) None of these. | <input type="checkbox"/> |
- ii) Which of the following strategies has the shortest delivery lead time and least customer input ?
- | | | |
|----------------------|-------------------|--------------------------|
| a) Engineer-to-order | b) Make-to-order | |
| c) Assemble-to-order | d) Make-to-stock. | <input type="checkbox"/> |
- iii) Companies *A* and *B* supply company *C*, which supplies customers *D* and *E*. Which of the following statements is best ?
- | | |
|--|--------------------------|
| a) The supply chain of company <i>A</i> includes <i>B</i> , <i>C</i> , <i>D</i> and <i>E</i> | |
| b) The supply chain of company <i>B</i> includes <i>A</i> , <i>C</i> , <i>D</i> and <i>E</i> | |
| c) The supply chain of company <i>C</i> includes <i>A</i> , <i>B</i> , <i>D</i> and <i>E</i> | |
| d) All of these. | <input type="checkbox"/> |



iv) Which of the following is *not* a step in the purchasing cycle ?

- a) Receipt and analysis of purchase requisition
- b) Vendor selection
- c) Make up the specification of the product
- d) Issue a purchase order.



v) Purchasing department usually has the responsibility and authority to

- a) legally commit the company to a contract
- b) satisfy the needs of the user department
- c) determine price and source
- d) all of these.

vi) originates with the department or person who will be the ultimate user.

- a) A purchase requisition
- b) A purchase order
- c) Vendor selection
- d) All of these.

vii) Which of the following will help a purchasing officer select potential sources of supply ?

- a) Trade journals
- b) Department's records
- c) Advertising
- d) All of these.

viii) Which of the following costs are relevant to inventory management decisions ?

- a) Carrying cost
- b) Ordering cost
- c) Capacity costs
- d) All of these.



ix) Which of the following statements is most accurate ?

- a) About 20% of the items account for 80% of total value
- b) A class items should have the tightest possible control
- c) The general rule involving ABC approach is to have plenty of everything in stock
- d) Only (a) and (b) are true
- e) All of these are true.



x) Vendor Rating system is mainly concerned with

- a) quality performance b) delivery performance
- c) price performance d) all of these.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following.

3 × 5 = 15

2. State the importance of MIS in materials management.
3. Define Kanban. What is the utility of Kanban system ?
4. Do you think ERP implementation is feasible for all companies ?
5. List out and explain the pre-requisites of a JIT system.
6. State the different ways of measuring the efficiency of the stores function.



GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.

3 × 15 = 45

7. a) A company finds from its records that the annual requirement of a particular variety of bolt is 8000 units. If the cost of each bolt is Rs. 2.00 and ordering cost/order is Rs. 15.00 then find the EOQ quantity, assuming inventory-carrying cost to be 30% of unit price. Find also the number of orders/year and cycle period per order.
- b) A company has received a quotation for 10,000 widgets from a potential supplier @ Rs. 10.00 per unit. The estimated variable costs are Rs. 5.00 per unit and total fixed costs are Rs. 5,000.00. Calculate the estimated cost price and decide whether the quoted price is justified. 8 + 7
8. What are the four steps involved in the process of supplier selection and evaluation? Explain the IBM quality rating system for vendor rating. If you were to follow the 'key questions approach', what are the questions that you would develop in order to rate the vendor? 15
9. a) Define the concept of 'Purchasing or Procurement cycle'. List the steps and explain the key elements of purchasing procedure.
- b) Highlight the functions of purchasing department. 10 + 5
10. Write short notes on any *two* of the following : 2 × 7 $\frac{1}{2}$
- a) Disposal of surplus and scrap from stores
- b) Supply chain management
- c) Legal aspects of purchasing
- d) Perpetual inventory system.

 END