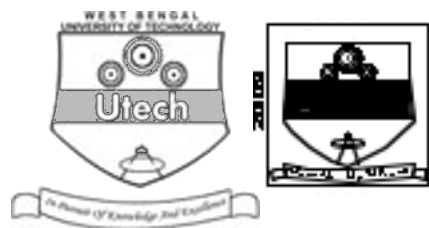


LOGISTICS MANAGEMENT IN HEALTH CARE UNITS AND STORAGE & DISTRIBUTION (SEMESTER - 4)

CS / MBA / SEM-4 / HSA-406 / 09



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 / SEM-4 / HSA-406 / 09

ENGINEERING & MANAGEMENT EXAMINATIONS, APRIL – 2009

LOGISTICS MANAGEMENT IN HEALTH CARE UNITS AND STORAGE & DISTRIBUTION (SEMESTER - 4)

Time : 3 Hours]

[Full Marks : 70

INSTRUCTIONS TO THE CANDIDATES :

1. 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.
2. a) In **Group – A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided **against each question**.
b) 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.
3. **Fill in your Roll No. in the box** provided as in your Admit Card before answering the questions.
4. Read the instructions given inside carefully before answering.
5. You should not forget to write the corresponding question numbers while answering.
6. 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.
7. **Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.**
8. 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**.
9. 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

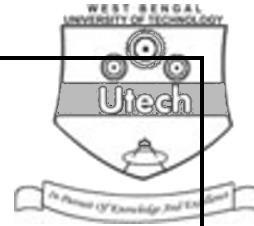
FOR OFFICE USE / EVALUATION ONLY

Marks Obtained

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

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

4490 (28/04)



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ENGINEERING & MANAGEMENT EXAMINATIONS, APRIL – 2009
LOGISTICS MANAGEMENT IN HEALTH CARE UNITS AND
STORAGE & DISTRIBUTION
SEMESTER - 4



Time : 3 Hours]

[Full Marks : 70

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following : 10 × 1 = 10

i) The Indian Contract Act came into force in the year

a) 1972

b) 1872

c) 1772

d) none of these.

ii) Which one of the following is not included in the principles of purchasing ?

a) Right quantity

b) Right quality

c) Right time

d) Right person.

iii) GRN stands for

a) Green Received Note

b) Goods Received Note

c) Goods Returned Note

d) None of these.

iv) For 'A' category item in ABC analysis safety stock should be

a) low

b) moderate

c) high

d) none of these.



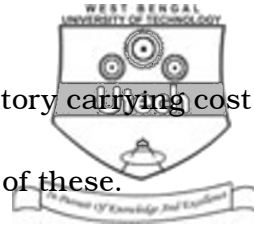
v) Cost of lost goodwill is included in

a) shortage cost

b) inventory carrying cost

c) replacement cost

d) none of these.



vi) The machine used for sterilization is called

a) centrifuge

b) incubator

c) autoclave

d) incinerator.

vii) The colour of the container used for the disposal of solid waste is

a) red

b) yellow

c) white

d) black.

viii) VED analysis is based on

a) availability criteria

b) criticality criteria

c) consumption criteria

d) none of these.

ix) The minimum linen and uniforms required to meet the daily demand is known as

a) linen stock

b) buffer stock

c) minimum stockholdings

d) par stock.

x) The time required for organizational formalities to complete is known as

a) internal lead time

b) external lead time

c) none of these.



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xi) The distribution system for which the level is fixed for each item at the nursing unit and department is known as



- a) par level transfer system
- b) requisition system
- c) total supply cart exchange system
- d) none of these.

xii) SDE analysis stands for

- a) Scarce, Difficult, Easy
- b) Small, Dense, Elastic
- c) Supply, Demand, Elasticity
- d) none of these.

GROUP – B

(Short Answer Type Questions)

Write short notes on any *three* of the following.

3 × 5 = 15

2. Ambulance service in hospitals.
3. Economic Order Quantity (EOQ).
4. Contingent contract.
5. Re-order point / level.
6. Types of inventories in a hospital.



6
GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.



3 × 15 = 45

7. Draw a chart showing the various components of a typical logistics system in a Health Care Unit. Outline a model contract for dietary services in a hospital. 7 + 8
8. Define inventory and inventory management. Outline the steps for developing an inventory management system. 5 + 10
9. What do you mean by deterioration of products in a store ? How will you avoid deterioration in storage ? 3 + 12
10. Write notes on : 2 × 7½
- a) Demand forecasting
- b) Legal aspects of purchasing.
11. What are the factors affecting source selection ? Discuss the different distribution systems in a hospital. 5 + 10

END