



Paper ID : 250411

Roll No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MBA
(SEM IV) THEORY EXAMINATION 2024-25
INVENTORY & LOGISTIC MANAGEMENT IN HOSPITALS

TIME: 3 HRS

M.MARKS: 100

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A

1. Attempt all questions in brief.

2 x 10 = 20

Q no.	Question
a.	What are the limitations of ABC and VED analysis in dynamic healthcare environments?
b.	Compare Basic Life Support and Advanced Life Support ambulances.
c.	What are the challenges in ensuring compliance with vehicle audit protocols in healthcare logistics?
d.	What is meant by Economic Order Quantity (EOQ)?
e.	What are the roles of paramedics during ambulance emergencies?
f.	Write the purpose of vehicle checks and audits.
g.	What do you understand by buffer stock in inventory control?
h.	Mention any two key points from the Motor Vehicle Act, 1988 relevant to hospitals.
i.	Define inventory control and state its objectives.
j.	Define codification and its importance in hospital inventory.

SECTION B

2. Attempt any three of the following:

10 x 3 = 30

a.	Explain the types of inventory costs and types of inventory control systems.
b.	Discuss store documentation and the process of disposal of surplus and obsolete materials in hospitals.
c.	Explain the significance of the Road Transport Corporation Act, 1950 in healthcare logistics.
d.	Describe the training process and role of emergency staff in handling in-house ambulance services.
e.	Analyze the key operational components of an ambulance and their relevance in emergency handling.

SECTION C

3. Attempt any one part of the following:

10 x 1 = 10

a.	How does lead time affect inventory planning and reordering in a hospital setting?
b.	Discuss the challenges of implementing an automated inventory control system in public sector hospitals.

4. Attempt any one part of the following:

10 x 1 = 10

a.	Analyze the trade-offs between centralized and decentralized hospital stores from a cost and
----	--



Paper ID : 250411

Roll No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MBA
(SEM IV) THEORY EXAMINATION 2024-25
INVENTORY & LOGISTIC MANAGEMENT IN HOSPITALS

TIME: 3 HRS

M.MARKS: 100

	control perspective.
b.	How does digital transformation influence material accounting and physical distribution in hospital logistics?

5. Attempt any one part of the following: 10 x 1 = 10

a.	Critically analyze how emergency preparedness checklists and drills can reduce mortality in ambulance-handled cases.
b.	Discuss the interdependency between training, recruitment, and legal compliance in healthcare transport logistics.

6. Attempt any one part of the following: 10 x 1 = 10

a.	Explain the use of red lights and exemptions under The Motor Vehicle Act and its impact on hospital logistics.
b.	Describe the standardization and classification process of hospital materials.

7. Attempt any one part of the following: 10 x 1 = 10

a.	Define the functions and importance of various types of stores in a hospital.
b.	Evaluate the importance of road safety regulations (1989) in the context of patient transportation.

QP25EP1_145
 / 02-Jun-2025 9:13:40 AM | 115.244.153.242