



Paper ID : 250249

Roll No:

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**MBA**  
**(SEM IV) THEORY EXAMINATION 2024-25**  
**HOSPITAL INFORMATION SYSTEM**

**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.	Define Hospital Information System.
b.	What is MIS?
c.	What is hardware?
d.	State the purpose of networking.
e.	What is data?
f.	What is an Entity-Relationship Diagram?
g.	What is ERP?
h.	What is Information?
i.	What is Information Technology?
j.	State the objectives of telemedicine.

**SECTION B**

**2. Attempt any three of the following: 10 x 3 = 30**

a.	Explain the important features of an effective Hospital Management Information System.
b.	Describe various input and output devices with examples.
c.	Explain the importance of a good Database Management System.
d.	Explain the key technologies used in ERP.
e.	Discuss the implementation and control of healthcare information systems with a suitable example.

**SECTION C**

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

a.	Explain the advantages and objectives of a Management Information System.
b.	Discuss current issues and challenges in Hospital Management Information Systems.

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

a.	Distinguish between primary memory and secondary memory.
b.	Explain the various types of networking used in hospitals.

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

a.	What are the different types of healthcare data, and how are they used?
b.	Describe the steps involved in designing a Database Management System.

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

a.	Explain the features and significance of Enterprise Resource Planning in hospitals.
b.	How do major ERP systems integrate various business functions? Illustrate with reference to any two ERP software.

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

a.	Discuss the impact of Information Technology in the healthcare sector.
b.	Explain the various types of telemedicine with appropriate examples.