

**MBA (HEALTHCARE AND
HOSPITAL MANAGEMENT)
(MBAHCHM)**

Term-End Examination

June, 2026

MHH-017 : SUPPLY CHAIN MANAGEMENT

Time : 3 Hours

Maximum Marks : 70

Note : (i) Attempt any **ten** questions.

(ii) Write answer of each question within
500-700 words.

(iii) All questions carry equal marks.

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1. Explain the concept of supply chain management and discuss peculiarities and critical role in ensuring patient safety within the healthcare sector. 7

2. Analyse the major challenges faced by hospitals in managing their supply chains efficiently, focusing on demand volatility and regulatory compliance. 7
3. Discuss the key components and essentials of supply chain network design in a healthcare setting. 7
4. Describe the primary responsibilities of a healthcare supply chain manager in enhancing financial stability and curtailing production costs. 7
5. Explain the steps of the healthcare procurement process. Illustrate how Value Analysis Committees (VACs) support rational procurement decisions. 7
6. Discuss the essential steps involved in the selection and procurement imported equipments in a healthcare institutions. 7
7. Differentiate between inbound and out-bound transportation in healthcare. Why is their seamless coordination critical to continuous patient care ? 7
8. Explain the key planning considerations for the location, layout and environmental control of hospital warehouses. 7

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9. Define Economic Order Quantity (EOQ). Discuss the various costs involved in inventory management that balance this equation, including holding costs and ordering costs. 7
10. Discuss the concept of a Logistics Management Information Systems (LMIS) and its importance in preventing stockouts and reducing waste in hospitals. 7
11. Analyse the role of Total Quality Management (TQM) in the healthcare supply chain. Explain how data analytics enhances quality control. 7
12. Explain the risk based classification of medical devices (Class A to D) as per the Medical Devices Rules of 2017. 7

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