

MASTER OF HOSPITAL ADMINISTRATION (MHA)
SEMESTER-II EXAMINATION, JUNE-2026
(2025 Batch)

(MHA129) INVENTORY AND EQUIPMENT MANAGEMENT IN HOSPITALS

[Time Allotted: 3:00 Hours]

[Max. Marks: 100]

Note: Read all the instructions carefully

Answer all questions in serial order, Draw suitable diagrams wherever necessary

- Q. 1. Objective type questions: (Attempt All)** **(10 x 02 = 20)**
 (Very short/ Short answer/ MCQ/ One liners/ Fill in the blanks/ True/False)
- a. PNDT Certification is required for which Equipment's in your hospital? CO2 PO1, 2
 - b. What is Scheduled Maintenance? CO1 PO 1
 - c. Name two advantages of Equipment Audit Check list. CO1 PO 1
 - d. Explain Down time of Equipment. CO1 PO 1
 - e. Explain in short Break-Even Analysis? CO1 PO 1
 - f. Which bid is opened first? Technical or commercial. CO1 PO 1
 - g. Poor selection and procurement practice causes wide diversity in medical equipment. **(True/False)** CO1 PO 1
 - h. Turnkey project is recommended for High value Sophisticated Equipment's **(True/False)** CO1 PO 1
 - i. What is "use coefficient index" of Equipment use? CO1 PO1
 - j. Describe types of maintenance of medical equipment? CO1 PO1
- Q. 2. Short notes/ Short answer type questions (Attempt any Five)** **(05 x 04 = 20)**
- a. Define "Adulterated Drugs" CO1 PO1
 - b. Write few consequences of poor equipment – Maintenance program. CO1 PO1
 - c. What are contents of Equipment Log Book? CO1 PO1
 - d. Write a note on Equipment Calibration. CO1 PO1
 - e. Mention criteria to be considered for Equipment selection. CO1 PO1
 - f. What is purpose of GEM portal for central procurement of equipment's by Central Govt departments. CO1 PO1
 - g. What are options of Disposal of Medical Equipment on condemnation? CO2 PO1,2
- Q. 3. Structured questions (Attempt any Three)** **(03 x 10 = 30)**
- a. What are criteria for registration of vendors/Firms and blacklisting of vendors/Firms in Material Management Department? CO1 PO1
 - b. Write few consequences of poor equipment – Maintenance program. CO1 PO1
 - c. Define Hospital Formulary. What are advantages and Disadvantages of Hospital formulary and guidelines for preparing Hospital formulary? CO3 PO1,2,3
 - d. Explain various components of Cost of Inventory. CO1 PO1,2
- Q. 4. Long Answer/ Essay type questions (Attempt any Two)** **(02 x 15 = 30)**
- a. What should be Equipment Selection Criteria in a Hospital Equipment Management system and write notes on Corrective maintenance and Preventive maintenance in your hospital. CO3 PO1-5
 - b. Mention as many Inventory analysis Techniques as you know and describe any two of those with Examples. CO 2 PO1,2
 - c. Write note on Generic versus Branded Medicine debate in relation to prescribing by doctors CO3 PO1-5