



**Institute of Health Management Research**

**MBA Hospital and Health Management**

**Batch-27th (2022-2024) Hospital Management**

**Second Year, Term 4 End Term Examination, September 2023**

**HOM-706 Material and Equipment Management**

**Time - 3 Hour**

**Maximum Marks: 50 (Minimum Marks: 20)**

**Instructions to students:**

- This question paper contains 2 printed page.
- Don't write anything on the Question Paper except your Enrolment No.

**Part A**

**(Maximum Marks: 5)**

Q1. Answer the following questions by choosing the most correct option.

(1 x 5 = 5)

- (i) ..... is the forecast of requirements for the coming financial year. It should be prepared carefully each year after taking into account the existing stock position, last one year average consumption and quantities required for the next year
  - (a) Annual indents
  - (b) Lead time
  - (c) Lag time
  - (d) None of the above
- (ii) One of the below given option is not a primary objective of material management in Hospital. Identify the incorrect option
  - (a) Maintaining continuous supply
  - (b) Low storage cost
  - (c) High purchase price
  - (d) High inventory turnover
- (iii) You are working as a retail pharmacy manager who sells 200 bottles of antacids every day in a hospital. Your vendor takes one week to deliver each batch of antacids you order. You keep enough excess stock for 5 days of sales, in case of unexpected delays. Now, what should your reorder point be?
  - (a) 2400 bottles
  - (b) 1000 bottles
  - (c) 1500 bottles
  - (d) None of the above
- (iv) Given below are the criteria's of selecting the Essential Medicines. One of the statement is not correct. Identify the wrong statement
  - (a) Essential medicines selected should be of proven efficacy and safety
  - (b) Essential medicines should be available as multiple compounds
  - (c) Essential medicines selected should have favorable cost-benefit ratio
  - (d) Essential medicines selected should be relevant to the pattern of prevalent diseases
- (v) ..... restores the function of a failed device and allows it to be put back into service.
  - (a) Preventive maintenance
  - (b) Predictive maintenance
  - (c) Corrective maintenance
  - (d) Functional maintenance

**Part B**

**(Maximum Marks: 15)**

Answer the following:

(3 x 5 = 15)

- Q2. State the significance of ABC and FSN inventory control technique in managing the services to the patients in the Hospital.
- Q3. Elaborate on the steps involved in equipment planning in a hospital setting. Cite relevant examples in support of your answer.
- Q4. Explain the rational use of medicines and prescription audit in context to hospital settings. Cite relevant examples in support of your answer.

**Part C**

**(Maximum Marks: 30)**

Answer the following, in detail:

(3 x 10 = 30)

- Q5. You are working as Procurement Head of AIIMS, Jodhpur and has been asked by the Purchase committee of the Hospital to procure a digital X Ray machine for the hospital. How will you undertake the activity of procurement of a digital X Ray machine for AIIMS Jodhpur. Cite relevant examples in support of your answer.
- Q6. Discuss the relevance of equipment audit and maintenance in hospital. Cite relevant examples in support of your answer.
- Q7. How would you use the components of the Hospital Supply Chain in effectively managing the Hospital supplies. Cite relevant examples in support of your answer.