

REV-01  
MHA/12/17

2024/05

**MASTER OF HOSPITAL ADMINISTRATION  
SECOND SEMESTER  
HOSPITAL INFORMATION SERVICES & INVENTORY CONTROL  
MHA – 202**

**SET  
A**

**[USE OMR SHEET FOR OBJECTIVE PART]**

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

**(Objective)**

Marks: 20

*Choose the correct answer from the following:*

*1 × 20 = 20*

- Which is not the type of information for a hospital?
  - Telemedicine
  - Laboratory & Testing Information
  - Economic Order Quantity
  - Insurance Service Integration Information
- Tabulating Machine was used for which of the following purpose?
  - Calculate cost of goods sold
  - Manage Inventory Levels
  - Manage Insurance Service Integration Information
  - Manage Medical Information
- Which of the following is the advantage of Hospital Information System?
  - Over Dependency on technology
  - Reduce Scope of Error
  - Susceptibility to network hackers
  - None of the above
- .....is a medical imaging technology used primarily in healthcare organizations to securely store and digitally transmit electronic images and clinically-relevant reports.
  - LIMS
  - HIS
  - PACS
  - FIFO
- One of the first basic PACS was created in ..... by Dr. Richard J. Steckel.
  - 1972
  - 1962
  - 1982
  - 1952
- Which of the following is not the disadvantage of PACS?
  - System Failure
  - Requires a separate monitoring team
  - The system is expensive to implement
  - Reduces duplication of images
- A .....is an asset that can easily be converted into cash in a short amount of time.
  - Floating asset
  - Fixed Asset
  - Liquid asset
  - None of the above
- Which of the following is not a reason for keeping an inventory?
  - Meeting seasonal variation
  - Attaining depreciation in value
  - Overcoming contingencies
  - Achieving economies of scale

9. Which of the following is a Purpose Based Classification?
- |                       |                       |
|-----------------------|-----------------------|
| a. Work In Progress   | b. FSN Classification |
| c. HML Classification | d. Pipeline Inventory |
10. Which category in ABC classification required the maximum follow-up and strict control?
- |               |                      |
|---------------|----------------------|
| a. Category B | b. Category A        |
| c. Category C | d. None of the Above |
11. HIFO Stands for:
- |                              |                             |
|------------------------------|-----------------------------|
| a. Heavy -In- First Out      | b. Huge -In- First Out      |
| c. Highest -In- Forward- Out | d. Highest - in - First out |
12. ....system relies on the Pareto principle or the 80/20 rule according to which, for most events, roughly 80% of the effects come from 20% of the cause.
- |         |        |
|---------|--------|
| a. XYZ  | b. VED |
| c. HIFO | d. ABC |
13. ....is typically used by lab workers, researchers, biobank staff and lab support staff within a range of industries including pharmaceutical, medical research, environmental research, manufacturing and testing labs.
- |         |         |
|---------|---------|
| a. HIS  | b. LIMS |
| c. PACS | d. LIFO |
14. ....is the extra amount of inventory kept in hand to take care of situations when replenishment inventory does not reach in time or there is a sudden, unexpected surge in demand for the product.
- |                  |                            |
|------------------|----------------------------|
| a. Opening Stock | b. Economic Order Quantity |
| c. Safety Stock  | d. Reorder Point           |
15. Safety Stock= Maximum daily consumption x.....
- |  |  |
|--|--|
| a. Maximum replenishment lead time in months | b. Minimum replenishment lead time in months |
| c. Minimum replenishment lead time in days   | d. Maximum replenishment lead time in days   |
16. Cost of Goods Sold: Opening Stock + Purchases.....
- |                   |                    |
|-------------------|--------------------|
| a. +closing Stock | b. +Closing Stock  |
| c. -Closing Stock | d. * Closing Stock |
17. In LIMS 'I' Stands for?
- |                |                  |
|----------------|------------------|
| a. Investment  | b. Invoice       |
| c. Information | d. Investigation |
18. ....provide a common source of information about a patient's health history.
- |         |                  |
|---------|------------------|
| a. LIMS | b. PACS          |
| c. HIS  | d. All the above |

19. PACS Stands for?
- a. Picture Archiving And Communication System
  - b. Picture Archiving And Control System
  - c. Picture Archiving Or Communication System
  - d. Picture Archiving Or Control System
20. PACS has .....major components.
- a. Three
  - b. Four
  - c. Two
  - d. Five

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**(Descriptive)**

Time : 2 Hr. 30 Mins.

Marks : 50

[ Answer question no.1 & any four (4) from the rest ]

- |   |         |
|---|---------|
| 1. a) Write in Details about PACS Architecture.   | 4+6=10  |
| b) Write in details about advantages and disadvantages of PACS.   |         |
| 2. Write in details about evaluation of record keeping in hospitals.  | 10      |
| 3. What are the different types of information's for a hospital? Write in details about Information & services.                     | 6+4=10  |
| 4. Write in details about importance of Hospital Management System. What are the potential benefits of Hospital Information System. | 4+6=10  |
| 5. Write in details about evaluation of Inventory Management.   | 10      |
| 6. Explain Consumption Based Classification of Inventory Classification.  | 10      |
| 7. What do you mean by Safety Stock? Safety Stock provides protection against which of the deviations.                              | 5+5=10  |
| 8. What do you mean by LIMS? Write in details about LIMS.   | 3+7 =10 |

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