



Institute of Health Management Research

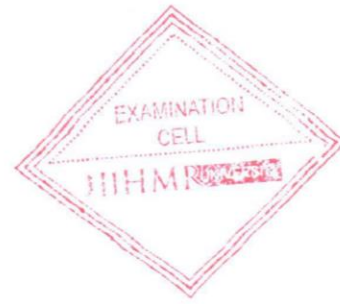
MBA Hospital and Health Management

Batch-20th (2015-2017)

Health Management

Logistics and Supply Chain Management

Term Examination



Time - 2 Hour

MM-70

The question paper contains 5 printed page.

All questions are compulsory

Question no. 1-30, each has 2 marks and question no. 31-40, each has 1 marks.

In MCQs and True/False, encircle the answer. Any overwriting will be credited as zero marks.

Student's Name _____

Student ID _____

Signature of the Invigilator _____

Q. 1. When selecting medicines in public health system, one looks at

- a. Well established brands
- b. Preference for drug that are most popular among the community
- c. Most expensive medicine
- d. Safety, efficacy along with comparative cost-effectiveness

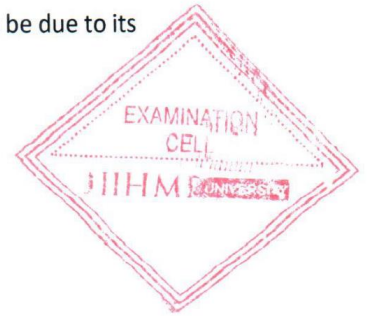
Q2. Safety stock is the

- a. Minimum stock level
- b. Maximum stock level
- c. Stock always in hand to prevent stock out
- d. Quantity of remaining stock that should trigger a reorder of item

Q3. Disadvantages of outsourcing except

- a. Higher cost of training
- b. Legalities related to permanency
- c. Confidentiality
- d. Lack of short term reliability

- Q4. For the purpose of inventory control, the importance of the health product can be due to its
- a. Criticality
 - b. Cost
 - c. Consumption
 - d. All of above



Q5. Advantages of preventive maintenance are

- a. Safety of equipment.
- b. Increase in down-time of the equipment.
- c. Effective and economic functioning.
- d. Increased life of the equipment

Q6. Which is not correct about Bathtub curve:

- a. Used in reliability engineering
- b. Indicate lifetime behaviour of equipment
- c. Describes a particular form of the hazard function
- d. Decreasing failure rate indicates "useful life"

Q7. Which is not criteria of condemnation:

- a. Non-functional.
- b. Functional but obsolete.
- c. Functional but useful
- d. Not required by hospital

Q8. Utilization Index includes all except:

- a. Average number of hours the equipment is used per day
- b. Maximum number of hours the equipment can be used per day
- c. Minimum number of hours the equipment can be used per day
- d. None of the above

Read the paragraph and solve question 9 to 12.

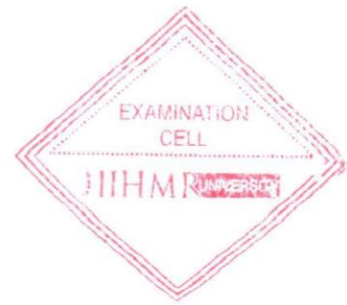
Hospital A has one ETU where only one defibrillator is available. This has reputed brand name and four years old. Service agreement has been signed with maintenance organization. Physician in the Hospital provide excellent inward care and follow up. ETU Mos have encountered hardly any cardiac arrest patients during last two years. What would be anticipated outcomes pertaining to equipment?

Fill answer in blank space as **High** or **Low**.

Q	Measure	Defibrillator
9	Reliability	
10	Maintainability	
11	Availability	
12	Utilization	

Q13. When the services should be outsourced:

- a. Ideally during the project stage.
- b. At the time providing new service.
- c. To enhance the utilization of service
- d. All of the above



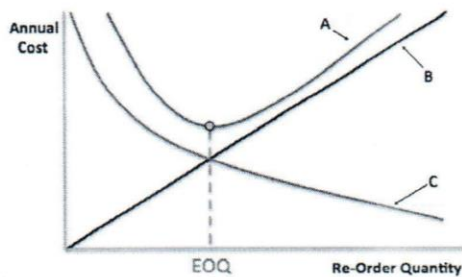
Q14. Receipt entry in stock register shows:

- a. Date of the manufacture of the product
- b. Reference number of supply
- c. Quantity of product received
- d. One month consumption

Q15. Estimation of drugs required for a given period is undertaken for the following reasons

- a. To avoid stock outs
- b. To attract more patients to the health centre
- c. To prevent excess stock and wastage
- d. To avoid theft

Q 16-18 Observe the diagram carefully and indicate the curves with the type of costs in the blank space:



Q16.

Q17.

Q18.

Q19. Which inventory method should be preferred in hospital stores?

- a. ABC
- b. VED
- c. ABC-VED mix
- d. FSN

Q 20. What is the full form AVD:

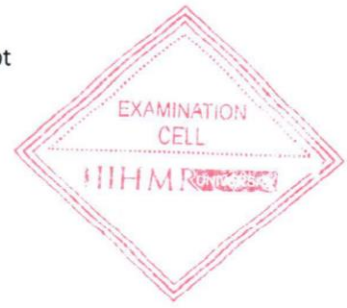
- a. Alternative vaccine delivery
- b. Additional vaccine delivery
- c. Alternative vaccine disposal
- d. None of the above

Q 21. Write down the full form of **PDCA** method Total Quality management.

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Q 22. Open Vial Policy (Vaccine) is not applicable in

- a. BCG
- b. Pentavalent Vaccine
- c. Oral Polio Vaccine
- d. Hepatitis B vaccine



Q 23. All of the following costs are likely to decrease as a result of better quality except

- a. customer dissatisfaction costs
- b. maintenance costs
- c. scrap costs
- d. warranty and service costs

Q 24. What is controlled room temperature for a drug store:

- a. 18-25 degree C
- b. 8-30 degree C
- c. 8-25 degree C
- d. 20-25 degree C

Q 25. Stock cards are

- a. Tools for monitoring stock movement
- a. A cardboard paper
- b. The same as stock register
- c. Filing cabinet

Q 26. How to dealt with counterfeit items at destination:

- a. Alert destination to delivery arrival
- b. Mark boxes with fixed security code
- c. Review transport logs
- d. Change delivery services

Q 27. Write down full form of DGS&D.

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Q 28. On what basis you can blacklist the firm except

- a. Found guilty of supply of wrong items
- b. Convicted for offences involving moral turpitude
- c. Blacklisted by any other healthcare institutions
- d. Product supplied found substandard or unfit for use

Q 29. All are good Practices for Pharmaceutical Procurement, WHO 2002 except:

- a. Selection of reliable manufacturers and suppliers
- b. Lowest cost for products of quality
- c. Frequent delivery times of items
- d. Transparent procurement procedures and management

Q 30. All are the determinants of lead time except

- a. Manufacturer stock
- b. Customs clearance process
- c. Reliability of distribution system
- d. Length of the supply chain

(True/ False) Q 31. Break-even point is the period taken for recovering the cost of investment.

(True/ False) Q 32. Turnkey installation does not involve training of the buyers' staff for operating the equipment.

(True/ False) Q 33. A Bank Guarantee equivalent to 20% of the cost of the equipment is submitted at the time of with the tender as a part of contract.

(True/ False) Q 34. Outsourcing decreases the long term liabilities of the institution.

(True/ False) Q 35. Equipment Audit is essential to evaluate the performance of equipment.

(True/ False) Q 36. Standard Treatment Guidelines restrict prescribers to the most effective treatments.

(True/ False) Q 37. Essential medicines concept is relevant to the emergence of new epidemics such as HIV/AIDS, and widespread increase anti-microbial resistance.

(True/ False) Q 38. 64% of cardiac arrests at a teaching hospital are preventable.

(True/ False) Q 39. Drugs in Essential Medicines List are adequate to take care of the majority of the health needs of the population.

(True/ False) Q 40. Standard Treatment Guidelines target priority conditions and consider local disease factors.

----- Paper concluded. Please *Hand Over the question paper to the invigilator before leaving the Exam* -----

