



IIMMR UNIVERSITY
Institute of Health Management Research
MBA Hospital and Health Management
Batch-22 (2017-2019)
Health Management
Logistics and Supply Chain Management
Term Examination

Time - 3 Hour

MM-70

The question paper contains 02 printed page.

NOTE : ALL THE QUESTIONS IN SECTION A AND SECTION B ARE COMPULSORY**SECTION A****Q. 1. Solve the following (Any two)****(2.5x2= 5)**

- A. ABC analysis for inventory control
- B. Economic Order Quantity (EOQ)
- C. AMR

Q2. Define the term procurement. Explain a detailed account of the steps involved in the procurement process of health commodities. Cite relevant examples in support of your answer. **(10)**

Q3. Innumerate the steps involved in equipment planning. Cite relevant examples in support of your answer. **(10)**

Or

What are the vital considerations for registration and import of medical devices as laid down by The Central Drugs Standard Control Organization, GOI?

Q4. The Govt of India has laid down recommended stock levels for various levels as given in the below table 1 **(2+3+3+2=10)**

Table 1 : GOI recommendations for storage of vaccines

Level	Working stock	Buffer stock	Lead time stock	STOCKS	
	Months	Months	Months	MAXIMUM	MINIMUM
PHC	01	0.25	0.25	1.5	0.50

For a PHC whose monthly requirement for pentavalent vaccines is 280 doses calculate the following (In doses)

- i. Buffer stock
- ii. Minimum stock level (Re-order level)
- iii. Maximum stock level
- iv. Fill in the blanks: -
 If the stock level falls to the inform the district vaccine stores for and place an to avoid

Section-B

Q1. Why supply chain management is important for any national health care program, elaborate in detail with suitable example and draw procurement and supply chain cycle? (12)

Q2. (I) Discuss the three essential logistic data items and for what purpose it is used? (12)

(II) At the warehouse you have 1,700,000 cough syrups that have a volume of .534 m³. They are available in the pack of 200 per carton. How much space do you need?

Or

Indicators are measures to monitor and evaluate one or more aspects of a program or activity, elaborate each core indicators which can be used in monitoring and evaluation of supply chain management for family planning program?

Q3. Write short notes: (any 3) (11)

- a) Essential drug list
- b) Quality inspections in health equipment's
- c) Data collection methodologies in M&E
- d) Design of distribution system

