

**Time - 3 Hour****MM-70****NOTE : ALL THE QUESTIONS IN SECTION A AND SECTION B ARE COMPULSORY**

The question paper contains 2 printed page.

Section-A

Q1. Why we required warehouses? Discuss various operations carried out in warehouses at healthcare organizations (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) RUD
- d) Design of distribution system

SECTION B

Q. 1. Solve the following (Any one)

(5)

- A. ABC analysis for inventory control
- B. Significance of supply chain management in national health programs

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

Discuss the components and significance of Logistics Management Information system (LMIS) for a supply chain manager.

Q4. The state of Uttar Pradesh has started the free medicine scheme initiative for providing free essential medicines to the general public at the various healthcare levels namely PHC, CHC, District hospitals and Referral hospitals. State is facing tremendous challenges in terms of streamlining supply chain of essential medicines and as a consequence the disruption in supplies of the essential medicines is severely affecting the health outcome of the patients.

The Govt of Uttar Pradesh has hired you as a supply chain consultant for strengthening the supply chain management related issues and asked you to make a blueprint for starting a Uttar Pradesh Medical Service Corporation. Give a detailed outline for establishing a Medical corporation for addressing the lacunae of SCM of essential medicines.

(10)

