MBA Hospital, Health, Pharmaceutical and Development Management

(2021-2023)

Second Year, Term 6 End Term Examination, February 2023

EC-232 Supply Chain Risk & Security

Time - 3 Hour	**MM-50**

This question paper contains 1 printed page.

Q.1 (a) How agile and resilient supply chain can help in managing risks? Explain. (5 marks)

(b) What are the Supply chain security issues in healthcare industry. (5 marks)

Q.2 (a) What are four major strategies to manage supply chain risk? (5 marks)

(b) Discuss the challenges and risks associated with implementing AI and digital technology in healthcare sector. (5 marks)

Q.3 What are four major steps of supply chain risk management? Explain with the help of a neat diagram. (10 marks)

Q.4 How SCOR model is used in supply chain? Explain how it can be implemented in supply chain risk situations? How it is different form Risk Matrix method? (10 marks)

Q5. Analyze and Answer

Background: Dupedon Pharmaceuticals is a leading pharmaceutical company that specializes in the production of life-saving drugs and treatments. The company's supply chain includes multiple tiers of suppliers, manufacturers, and distributors, and spans several countries including India and China.

Case scenario: In recent years, Dupedon Pharmaceuticals has experienced a number of supply chain disruptions, including natural disasters, political instability, and supplier bankruptcy. These disruptions have resulted in shortages of critical drugs and treatments, leading to increased costs and decreased revenue for the company. The company also got impacted by Covid-2019 event from supply and demand side both.

The company has hired you as risk management specialist. Develop a comprehensive supply chain risk management plan for Dupedon Pharmaceuticals that addresses the challenges faced by the company and minimizes the risk of future disruptions. Use flowchart and tables to make your plan lucid and easy to adopt.

Assume the suitable data if needed to make the plan understood.

(10 marks)