

POST GRADUATE DIPLOMA
Public Health
Subject: Supply Chain Management
Subject Code: IDGE-007
Semester: Second
January 2021
Theory (External): 70 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number									

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A. What is the objective of a supply chain?
- B. What are the drivers of supply chain performance?
- C. How are firms core processes identified?
- D. Why is outsourcing necessary for a firm?
- E. What are multi-echelon supply chain networks?
- F. What is the importance of capacity allocation in supply chains?
- G. What is meant by cycle inventory?
- H. What is the purpose of risk pooling?
- I. Why are RFID tags used in warehouse?
- J. When is reverse supply chain used?



SECTION –B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

1. (a) Give any two definitions of Supply Chain. Describe basic and important characteristics based on these definitions.
(b) Which are various modes of transportations? Explain any two in detail.
2. (a) With diagram, explain the model for strategy formulation in Supply Chain Management.
(b) State and explain the criteria for selection of source in Supply Chain Management.
3. (a) Define inventory. Discuss the importance of inventory management in Supply Chain.
(b) What is third party logistics (3PL)? State advantages of 3PL.
4. (a) Explain the concept of 'vendor managed inventory'. State its importance with reference to Supply Chain Management.
(b) With the diagram, explain how Electronic Data Interchange (EDI) can enhance Supply Chain operations.
5. (a) How are ERP systems useful for Supply Chain Management? Explain.
(b) State and explain various types of costs associated with inventory.
6. (a) Explain the concept of Customer Relationship Management (CRM).
(b) What do you understand by E- Procurement? State its advantages.
7. (a) What is 'reverse supply chain'? How is it different from forward supply chain?

- (b) Name any three mathematical models useful for modeling Supply Chain operations. Explain any one of them.
8. (a) With the diagram, explain the Supply Chain as creating and delivering value to the organization.
(b) Which are the basic components of Supply Chain Management? Explain them.

*******END OF PAPER*******