

Roll No.

Total Pages : 03

MT/D-21

49109

SUPPLY CHAIN MANAGEMENT

MTIP-115A (Opt. i)

Time : Three Hours]

[Maximum Marks : 60

Note : All questions in Part A are compulsory. Attempt any *Four* questions from Part B, selecting *one* question from each Section.

Part A

6×2=12

1. Answer the following questions (Objective/Short Answer Type Questions) :
- (i) What is the objective of supply chain ?
 - (ii) What is offshoring effect on supply chain dynamics ?
 - (iii) Explain prerequisite for competition bidding.
 - (iv) Discuss the role of IT in supply chain management process.
 - (v) What is risk management in IT with regard to supply chain ?
 - (vi) Illustrate framework for structural drivers with regards to supply chain performance.

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Part B

4×12=48

Section I

2. (a) Describe in brief importance of supply chain decisions. **6**
- (b) Explain in detail process views of a supply chain. Also explain decision phases in a supply chain. **6**
3. (a) Explain coping and dynamics in supply chain. **6**
- (b) Describe in brief Bullwhip effect. Also discuss the analysis of Bullwhip effect. **6**

Section II

4. (a) Explain in detail factors influencing make or buy decisions. Also discuss unreliable suppliers and suppliers specialized knowledge and research. **6**
- (b) Describe in brief two step bidding negotiation. **6**
5. (a) Explain responsibilities for source selection in supply chain. **6**
- (b) Describe in brief identifying and qualifying an international source. **6**

Section III

6. (a) Discuss in detail framework for structuring drivers. **6**

(b) Explain warehouse and its types with regards to supply chain. **6**

7. Write short notes on the following : **3×4=12**

- (a) Business Process Re-engineering
- (b) Internet and its applications in SCM
- (c) Temperature distribution.

Section IV

8. Define Forecasting. Describe in brief demand forecast, forecasting strategy and techniques. **12**

9. (a) Explain in detail MCDM approach in SCM. **6**
(b) Discuss in detail supply chain IT framework. **6**