

300814(22)

APR-MAY

B. E. (Eighth Semester) Examination, 2020

(New Scheme)

(AEI, Bio Tech, Chem., Civil, CSE, Elect. EEE, EI,
ET&T, IT, Mech., Mining, Metallurgy, Mechatronics,
Prod., Automobile Engg. Branch)

SUPPLY CHAIN MANAGEMENT

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : Attempt all the questions. Part (a) of each unit is compulsory. Attempt any two parts from (b), (c) & (d) of each unit.

Unit-I

1. (a) Define Management. 2
- (b) What do you mean by Integrated Supply Chain Planning? 7

- (c) How a supply chain flows? 7
- (d) Draw and explain supply chain models and modeling system. 7

Unit-II

- 2. (a) Explain Planning. 2
- (b) How to maintain a performance measurement? Explain the balanced score card approach. 7
- (c) How a system maintain planning, demand and supply? 7
- (d) Explain Strategic Alliances and Outsourcing with example. 7

Unit-III

- 3. (a) Define Inventory theory. 2
- (b) Explain Inventory model for a supply chain. 7
- (c) What do you mean by Economic Order Quantity Models? 7

- (d) Explain Vendor Managed Inventory Models. 7

Unit-IV

4. (a) Explain Distribution Management. 2
- (b) Write about the transportation in a supply chain, explain direct shipment, warehousing and cross docking. 7
- (c) Explain Mathematical foundation of Distribution management. 7
- (d) Write an explain market channel structure. 7

Unit-V

5. (a) Define cross docking in a supply management. 2
- (b) Explain Global Logistics and material positioning. 7
- (c) Write an explain how to manage customer satisfaction, value, profitability? 7
- (d) How a supply chain facilitate on Finatial Impact? 7