

Roll No. ....

Total Pages : 2

BT-8/M-13

8882

**MANAGEMENT OF TEXTILE PRODUCTION**

Paper-TT-406

Option-II

Time Allowed : 3 Hours [Maximum Marks : 100]

**Note :** Attempt five questions in all, selecting at least one question from each Unit.

**UNIT-I**

1. (a) Discuss the importances of Handloom sectors in India. What are the problems faced by Handloom Sector in India? 10  
(b) Illustrate the production and export of Indian Textile Industry. 10
2. Describe briefly different types of Plant layout, citing their merits and demerits. 20

**UNIT-II**

3. (a) What is Linear Programming Concept? What are the assumptions underlying such Programming concept? Give an example where such programming concept cannot be applied to solve the problem. 10  
(b) Define the term "Product Mix". Discuss the various dimensions of Product Mix. 10
4. (a) Explain the following terms in the context of inventory control—(i) EOQ, (ii) ROP, (iii) Leadtime, (iv) Carrying cost, (v) Holding cost. Use suitable mathematical expressions and graphs. 15

8882/K/1738/150

P. T. O.

- (b) Discuss the objectives of Supply Chain Management. 5

**UNIT-III**

5. (a) What is a Humidification system? What are the various humidification systems used in textile mills? With neat diagram describe any one of them. 15  
(b) Write briefly about the following terms:  
(i) Heat load  
(ii) Air circulation. 5
6. (a) What do you mean by the term 'maintenance' in an industry? Compare corective and preventive maintenance. 10  
(b) What are the goals of a fire prevention program? Describe the fire prevention strategies in a textile mill. 10

**UNIT-IV**

7. (a) What is "Management Information System"? What are the objectives and benefits of MIS in an industry? 10  
(b) What causes 'defects' in a production process? Why is 'Zero default' an important concept? Describe in detail the 'Zero Defect Quality System'. 10
8. (a) What are the safety measures to be adopted to handle material properly in an industry? Illustrate with suitable example. 10  
(b) How noise is injurious to workers in a Factory? 4  
(c) What are the measures of a good working environment? Describe them briefly. 6

8882/K/1738/150

2