

FIFTH SEMESTER
TEXTILE TECHNOLOGY
SCHEME JULY 2008

TEXTILE MANAGEMENT (501)

Time : Three Hours

Maximum Marks : 100

Note : Attempt total **six** questions. Question No.1 (Objective type) is compulsory. From the remaining questions attempt any **five**.

1. Choose the correct answer 2 each
- i) In which type of production given below would machine utilisation be lowest:
- (a) Continuous (b) Job order
(c) Batch (d) Mass
- ii) The fixation time of each operation is called:
- (a) Scheduling (b) Timing
(c) Planning (d) P.P.C

(2)

- iii) Meaning of labour welfare is:
- (a) Work for labour betterment
 - (b) To appoint labour
 - (c) A work style of labour
 - (d) None of the above
- iv) Line organisation is more suitable for:
- (a) Mass production
 - (b) Small scale industry
 - (c) Co-operative stores
 - (d) Textile mills
- v) Effect of motivation is:
- (a) It inspires the employee for better work
 - (b) It is a part of management
 - (c) It is a part of marketing
 - (d) None of the above
2. a) What do you understand by the term 'Organisation'? Explain. Give the full organisation chart for a composite textile mill. 10
- b) Explain the concept of management and administration and discuss their role in textile mills. 8
3. a) Explain the importance of personnel training in an industry. Suggest the procedure for supervisor training in a textile unit. 10

(3)

- b) Discuss the important qualities and function of a supervisor in a Textile mill. 8
4. a) Sketch the layout of a modern spinning plant, showing location of important departments. Explain your answer on the basis of principles of scientific layout. 12
- b) Discuss the importance and role of Humidification in textile industry. 6
5. State the meaning of P.P.C (Production Planning and Control). Discuss the various steps involved in the process of Production Planning and Control used in a textile mill. 18
6. a) What do you understand by manpower recruitment and training in a textile mill. Write various objectives and methods of training of different personnel in textile mill. Mention the advantages of personnel training. 10
- b) Discuss the importance of safety measures in a textile mill. What are the important preventive safety measures used in a Textile mill and mention their advantages. 8

(4)

7. a) Explain the term E.O.Q (Economic Ordering Quantity) and its formula for determining E.O.Q. 6

b) A plant producing Sulzer Loom parts can supply the factory ware house at the rate of 750 pieces per month. The ware house ships 3000 parts per year at a unit selling price of rupees 250. Considering the plant's ordering and set up cost of rupees 300 and the inventory carrying cost rate of 20% percent. What quantities should the ware house order from the plant? 12

8. Write short notes on any three of the followings.

6each

- a) Material handling and different material handling equipments used in textile mill
- b) Wages and incentives used in textile mills
- c) Labour welfare measures and their importance in textile mills.
- d) T.Q.M (Total Quality Management) and its uses in textile mills.

