PART – A

Answer all questions in Part – A and any one full question from each Module in Part – B.

1. What are the advantages of functional organization?
2. Define ‘Recruitment’ and ‘Selection’.
3. Enlist the characteristics of Limited Liability Company (LLC).
4. Define working capital cycle.
5. Give an example each for product layout and process layout.
6. Depict the process chart symbols used for the following events:
   - Operation;
   - Storage;
   - Transportation;
   - Inspection.
7. What are the situations in which a time wage system is suitable?
8. Enumerate the major causes of industrial disputes.
9. What is the primary concern of ISO 14000?
10. Make a comparison between PERT and CPM. (10x2=20 Marks)

P.T.O.
PART - B

Module – I

11. a) Discuss how industrial revolution and World War II contributed to the development of factory system. 10

   b) Make a comparison of Private Limited Company and Public Limited Company. 10

   OR

12. a) Discuss the significance of personnel management in present day industrial scenario. 10

   b) Illustrate the advantages, limitations and applications of break even analysis. 10

Module – II

13. a) Discuss on the factors affecting working capital of a firm. 10

   b) Describe any two methods of calculating depreciation cost. 10

   OR

14. a) Briefly describe the factors affecting plant location. State the reasons for the location of ‘Textile industries in Mumbai and Ahmedabad’. 10

   b) Outline the appropriate process chart for ‘repairing a fan regulator’. 10

Module – III

15. a) The total observed time for assembling a switch is 2 minutes. If the rating is 120%, find normal time. If total allowances allowed are 10% for the job, determine the standard time. 10

   b) Illustrate the essential characteristics of a good wage incentive plan. 10

   OR
16. a) Discuss on the objectives and functions of a trade union.

b) A company is planning to stock a product. The company has the following information:

Annual usage = 6000 units; cost of the product = Rs. 350/unit
Ordering cost = Rs. 50/order
Carrying cost = 25% of the materials cost/unit/year
   i) Determine the optimal number of units per order
   ii) Find the optimal number of orders per year
   iii) Find the annual total inventory cost.

Module – IV

17. a) Explain the DMAIC procedure for implementation of six sigma.

b) Discuss the factors which determine the marketing mix.

OR

18. a) Discuss the method to produce the control chart for attributes.

b) Explain the various phases of product life cycle.

(4×20=80 Marks)