

MAY 2012

P/ID 37511/PBAL

Time : Three hours

Maximum : 80 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

All questions carry equal marks.

1. What is make or buy decision? Explain briefly.
2. What are the recent trends in plant location decision?
3. What are the principles of material handling?
4. What are procedure for stock control? Explain briefly.
5. Explain the importance of production management in management discipline.
6. What is the importance of time study?
7. What are the uses of control charts?
8. Explain the importance of ware housing management.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

9. Discuss the factors which should determine the location of a plant.

10. Explain the uses of cross-over chart-for selection process.
11. What is the importance of worker safety in organisation?
12. What are the basic assumptions underlying the classical EOQ model?
13. Explain the role of production function in achieving TQM for organisation.
14. Explain the functions of purchasing department. How do materials and vendors are selected?

PART C — (15 marks)

Compulsory.

15. Compute the EOQ for a manufacture based on following data :

Monthly demand	=	1,000 units
Daily production rate	=	50 units
Days in a month	=	28 days
Cost of set-up	=	Rs. 2,000
Cost of holding inventory	=	Rs. 20 per unit per year.