

**MAY 2011**

**P/ID 6008/MBH**

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Time : Three hours

Maximum : 80 marks

PART A — (8 × 5 = 40 marks)

Answer any EIGHT questions.

All questions carry equal marks.

1. What is a cross-over chart?
2. What is make or buy decision?
3. What are the advantages of plant location in a rural region?
4. Explain the concept of breakdown maintenance.
5. What are the principles of a good layout?
6. What is ABC analysis?
7. What are the costs arising from industrial accidents?
8. What is producer's risks in acceptance sampling?
9. What do you understand by allowance factors?
10. What are the advantages of material requirement planning?

11. Briefly explain the concept of FIFO.
  12. What is operation sequence analysis?  
PART B — (4 × 10 = 40 marks)  
Answer any FOUR questions.  
All questions carry equal marks.
  13. What are the different types of charts used in process planning?
  14. What are the factors which influence the choice of material handling equipment?
  15. Explain with an illustration any one method that would consider quantitative and qualitative factors for selecting a plant location.
  16. Outline the importance of store keeping in materials management.
  17. Explain how normal time is determined using stop watch time study.
  18. What are the features of vendor development programme?
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