

MAY 2012

**P/ID 77511/PMBL/  
PMB1L**

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Time : Three hours

Maximum : 100 marks

PART A — (5 × 6 = 30 marks)

Answer any FIVE questions.

All questions carry equal marks.

1. What are the advantages of good layout?
2. What are the types of inventory management system? Explain.
3. What are the problems we face due to absence of proper scheduling? Explain.
4. Illustrate the relationship between man and working environment.
5. Explain production planning strategies.
6. Compare Manufacturing Resource Planning (MRP II), kanban system and optimized production technology.
7. Distinguish between preventive and breakdown maintenance.
8. What are the types of work measurement? Explain.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

All questions carry equal marks.

9. Illustrate the factors to decide make and buy in manufacturing process.
10. Explain the concept of multiplant location with its merits and demerits.
11. Explain the importance of material handling. List out the various material handling equipments.
12. Discuss the process of acceptance sampling for attributes and variables.
13. Bring out the various vendor rating methods with their advantages and disadvantages.
14. Discuss the characteristics and limitations of intermittent, batch and continuous production with suitable diagrams.
15. How does production planning and control steps undergo changes in case of mass production through automation? Discuss.
16. Describe the various aspects of store keeping and warehousing management.

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PART C — (1 × 20 = 20 marks)

(Compulsory)

17. If you could locate your new software development company anywhere in the world, which place would you choose and why?

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