

MAY 2011

P/ID 77511/PMBL

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 requirements for planning a layout?
2. Explain gain criteria matrix.
3. Write short notes on assignment model for scheduling.
4. What are the uses of work measurement data? Explain.
5. What do you mean by backward schedule? Explain.
6. What are the dimensions of quality? Explain.
7. How to control indirect labour? Explain.
8. Explain the types of process.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

All questions carry equal marks.

9. What are the need and importance of plant capacity? Explain the strategies for expanding plant capacity.
10. What are the control charts available for variables? Explain them briefly.
11. What are the factors influencing process selection? Explain the continuous process with its merits and demerits.
12. Analyse the basic consideration of man and machine in job design.
13. What are the objectives of maintenance? Explain the procedure of preventive maintenance.
14. Explain the stock control procedure in detail.
15. What is cost balance? Explain its importance.
16. Write an essay on value analysis stating the different approaches, techniques and methods used.

PART C — (1 × 20 = 20 marks)

(Compulsory)

17. Consider a multinational company looking per investment for an automobile unit. Bring out the locational factors to be considered for the same.
-