

MAY 2013

P/ID 37531/PBER

Time : Three hours

Maximum : 80 marks

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions.

All questions carry equal marks.

1. Explain the term 'Value Analysis'.
2. Explain the importance of Total Quality Management.
3. Write a note on Control charts.
4. Explain the important methods of Quality appraisal.
5. Write briefly about the recent techniques for quality improvement.
6. Explain the features of ISO model.
7. Explain the significance of Quality circles.
8. Write a note on Environmental Management System.

SECTION B — (4 × 10 = 40 marks)

Answer any FOUR questions.

All questions carry equal marks.

9. Describe the applications of statistics in Quality Control.
10. Explain ABC analysis.

11. Explain the features and advantages of value engineering.
12. Write a detailed note on Defect Diagnosis and Prevention.
13. Explain the relationship between Human Resource Development and Total Quality Management.
14. Explain the recent trends in Total Quality Management.

SECTION C — (1 × 15 = 15 marks)

(Compulsory)

15. Suggest some quality motivation techniques for an Engineering industry.
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