

MAY 2012

P/ID 77554/PMBP2

Time : Three hours

Maximum : 100 marks

PART A — (5 × 6 = 30 marks)

Five out of Eight questions.

1. State the importance of World Class information Age.
2. Describe the characteristics of manufacturing excellence.
3. What is Lean production?
4. Explain the usage of Rapid Prototyping.
5. Write short notes on SMED.
6. What do you mean by the term concurrent Engineering?
7. Explain the state of competitiveness of Indian manufacturing Industry.
8. Explain the contemporary issues of WCM in Indian concerns.

PART B — (5 × 10 = 50 marks)

Five out of Eight questions.

9. Enlist the emerging operating environment challenges in India.
10. Enlist the various models of world class manufacturing in India.

11. What are the advantages and limitations of Agile Manufacturing?
12. What do you mean by the term SQC? How will you measure the advantages of SQC?
13. What are the needs and merits of cellular layouts?
14. Elaborate the Advantages and Limitations of JIT.
15. Elaborate the advantages of strategic planning methodology.
16. Elaborate the Human Resource dimensions in WCM.

PART C — (1 × 20 = 20 marks)

(Compulsory)

17. Discuss on “Toyota production system” and explain its salient features.
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