

Note :

- a) Question No. 1 is compulsory
- b) Attempt any three from the remaining five questions
- c) Assumptions should be made whenever required and should be clearly stated
- d) Answers to sub questions should be answered together
- e) Illustrate answers with diagrams wherever necessary.

- 1 (a) Explain World class Manufacturing. Discuss Schonberger model for Manufacturing excellence (10)
- (b) Explain the issues involved in the strategic planning for World Class Manufacturing. (10)
- 2 (a) Discuss performance indicators POP,T OPP ,and AMBITE systems. (10)
- (b) Explain the Just in Time Manufacturing System in detail (10)
- 3 (a) Discuss 5-S and 3-M from WCM? (10)
- (b) What is the Total Productive Maintenance? (10)
- 4 (a) Explain Evolution of TQM. (10)
- (b) Discuss clean Manufacturing, Agile manufacturing (10)
- 5 (a) Explain how human resource management of WCM organization is different from traditional organization. (10)
- (b) Discuss Bench marking, bottleneck and best practices (10)
- 6 Write short notes on (Any Four) (20)
- (a) Six sigma
- (b) Rapid prototyping
- (c) Total Safety Management
- (d) FMS
- (e) Supply Chain Management
