

Roll No. ....

Total Pages : 3

**250406**

**MAY, 2019**

**M.B.A. (SUPPLY CHAIN ) - 4th Semester  
WORLD CLASS MANUFACTURING  
(MBA/SCM-213)**

Time : 3 Hours]

[Max. Marks : 75

*Instructions :*

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*
4. *All Missing data can be suitably assumed.*

**PART-A**

1. (i) What is Kaizen? 1.5
- (ii) What is concept of Zero Defects (ZD)? 1.5
- (iii) What is Lean Sigma' approach? 1.5
- (iv) What is outsourcing? 1.5
- (v) Write the important tools of MIS. 1.5

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- (vi) What are the manufacturing assessment tools? 1.5
- (vii) What is manufacturing lead time? 1.5
- (viii) What are the Monitoring and Controlling Performance Tools of Manufacturing? 1.5
- (ix) What are volume flexibility and mix flexibility? 1.5
- (x) What is 4M Analysis? 1.5

- 6. (a) Explain the latest changes in Indian Manufacturing system. 8
- (b) Write notes on Theory of Constraints (TOC). 7
- 7. Write short notes : 15
  - (a) ISO's and its implementation criteria.
  - (b) Quality Assurance.
  - (c) Malank Bridge Award and Deming Award.

**PART-B**

- 2. (a) Explain Kano model as voice of the customer. 8
- (b) Explain New emerging paradigm in manufacturing. 7
- 3. (a) What is 5 "S"? Explain each. 8
- (b) What is Kizen? Discuss the implementation process. 7
- 4. (a) Write notes on principles and practices of World Class Manufacturing implementation on shop floor. 8
- (b) What are the qualities Practices being carried out in WCM? 7
- 5. (a) Explain Manufacturing technology strategies to meet the competitive edge. 8
- (b) How is material handling useful in modern manufacturing? 8
- (c) What is VMI? How is VMI useful to the WCM? 7