

MBA
(SEM IV) THEORY EXAMINATION 2018-19
WORLD CLASS MANUFACTURING & MAINTENANCE MANAGEMENT

Time: 3 Hours**Total Marks: 70****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x 7 = 14**
- a. What do you mean by world class manufacturing?
 - b. Define the term 'Uncertainty'.
 - c. How planning affects company's manufacturing?
 - d. What do you mean by culmination of WCM?
 - e. What is bar code system on manufacturing?
 - f. Why MIS is important in maintenance management?
 - g. What do you mean by control limit?

SECTION B

- 2. Attempt any three of the following: 7 x 3 = 21**
- a. Briefly explain the global competitive environments being faced by manufacturers.
 - b. Explain the Deming's & Shingo's approach to quality management.
 - c. How SQC is beneficial to manufactures to raise the quality of manufacturing.
 - d. "IT infrastructure is vital to raise the competitive level of Indian manufacturing". Discuss.
 - e. What are the different dynamics of maintenance organizations? Explain.

SECTION C

- 3. Attempt any one part of the following: 7 x 1 = 7**
- (a) Discuss the impact of information age on world class manufacturing.
 - (b) Briefly explain the Gunn's model and Maskell's model of world class manufacturing.
- 4. Attempt any one part of the following: 7 x 1 = 7**
- (a) How company can establish performance measurement system? Explain.
 - (b) Explain the different tools and technologies adopted by Indian firms to enhance the competitiveness.
- 5. Attempt any one part of the following: 7 x 1 = 7**
- (a) Explain the KANBAN system of manufacturing with diagram.
 - (b) Discuss TOPP system and Ambite system.
- 6. Attempt any one part of the following: 7 x 1 = 7**
- (a) How manufacturing system and tools can be assessed? Explain.
 - (b) Discuss the breadth and integration of IT infrastructure in Indian context.
- 7. Attempt any one part of the following: 7 x 1 = 7**
- (a) What do you mean by maintenance management? Explain its functions.
 - (b) Discuss the importance of total productivity maintenance in maintenance management.