Printed Pages: 01 **Sub Code:RMBOP04**

Paper Id: **270239** **Roll No.** | | | | | | | | | | |

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 competiveness.

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.

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