

S.D.E.

M.B.A. SEM-IV (2013 COURSE) : WINTER - 2017

**SUBJECT: Elective – VIII: World Class Manufacturing
(Production & Operations Management)**

Day : **Saturday**
Date : **30/12/2017**

W-2017-4249

Time: **02.00 PM TO 05.00 PM**
Max Marks: 70

N.B

- 1) Attempt any **THREE** questions from section-I and any **TWO** questions from section –II
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Answers to both the sections should be written in the **SEPARATE** answer books.
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SECTION - I

- Q.1** Discuss role of Information Technology in World Class Manufacturing with suitable examples. (14)
- Q.2** Explain Automation in Design and Manufacturing by citing examples. (14)
- Q.3** What is a “Kanban” system? Explain how it works. (14)
- Q.4** What is Materials Requirement Planning? Distinguish between Materials Requirement Planning and Manufacturing Resources Planning. (14)
- Q.5** Write short notes on **ANY TWO** of the following: (14)
- a) World Class Manufacturing Environment
 - b) Automated Material Handling Equipments
 - c) Group Technology
 - d) Systems Approach and Change in the Mindset

SECTION - II

- Q.6** What is a Master Production Schedule? What are its inputs? Describe the process of preparing a Master Production Schedule. (14)
- Q.7** Discuss strategic decisions in manufacturing management by citing examples. (14)
- Q.8** What is “Just-In-Time system”? Discuss the importance of JIT system in manufacturing firms. (14)

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