

**Subject : Production & Operations Management**

Day : Wednesday  
Date : 08/06/2016



Time : 02.00 PM TO 05.00 PM  
Max Marks : 70 Total Pages : 1

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**N.B.:**

- 1) Attempt **ANY THREE** questions from Section – I and attempt **ANY TWO** questions from Section – II.
  - 2) Answers to both the sections should be written in the **SAME** answer book.
  - 3) Figures to the right indicate **FULL** marks.
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**SECTION – I**

- Q.1** Explain in detail importance and functions of Facility Layout. [14]
- Q.2** Discuss Traditional v/s Modern trends in Production Planning and Control. [14]
- Q.3** Describe the concept of Value Analysis and Value Engineering in detail. [14]
- Q.4** Explain in detail Statistical Quality Control. [14]
- Q.5** Write short notes on **ANY TWO** of the following: [14]
- a) Kaizen
  - b) Quality Management Systems (ISO 9000 – 2000)
  - c) Six Sigma Concept

**SECTION – II**

- Q.6** “Prevention is better than cure”. Discuss with reference to maintenance management. [14]
- Q.7** Describe the philosophy of Just – In – Time (JIT) in Modern Manufacturing World. [14]
- Q.8** Explain in detail Business Process Reengineering with appropriate examples. [14]

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