

Subject : Production & Operations Management

Day : Friday
Date : 03/06/2016



Time : 02.00 P.M. TO 05.00 P.M.
Max Marks : 70 Total Pages : 1

N. B. :

- 1) Attempt **ANY FOUR** questions from Section – I and **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** Discuss nature and scope of production and operations management with suitable examples. (10)
- Q. 2** Discuss techniques of Industrial Engineering with suitable examples. (10)
- Q. 3** What is Sales Forecasting? Explain importance of Sales Forecasting for a manufacturing company. (10)
- Q. 4** What is Plant Layout? Explain different types of Plant Layouts with suitable examples. (10)
- Q. 5** Write short notes on : (ANY TWO) (10)
- a) Production Control
 - b) Production Systems
 - c) Types of Projects
 - d) Just-In-Time

SECTION - II

- Q. 6** What is Product Design? Explain the role of the following in Product Design: (15)
- a) Reliability and Maintainability
 - b) Product Variety
- Q. 7** Discuss use of Operations Research in solving production problems by citing examples. (15)
- Q. 8** Discuss Six Sigma concept with suitable examples. (15)

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