

Total No. of Questions : 8]

SEAT No. :

P2398

[5153]-21

[Total No. of Pages : 2

T.E. (Mechanical) (Sandwich)
PRODUCTION MANAGEMENT
(2008 Pattern) (Semester-I) (Elective-I)(302061-A) (Self Study)

Time : 3 Hours]

[Max. Marks :100

Instructions to the candidates:

- 1) Answer any THREE questions from each section.*
- 2) Answer to the two sections should be written in separate answer books.*
- 3) Neat diagrams must be drawn wherever necessary.*
- 4) Figures to the right indicate full marks.*
- 5) Use of pocket calculator is allowed.*
- 6) Assume suitable data, if necessary.*

SECTION-I

- Q1)** a) What are the functions of Management? How is Management interdisciplinary? **[8]**
- b) Explain different types of organizations. Explain their advantages & disadvantages also. **[8]**
- Q2)** a) Explain the different functions of Production Planning & control. **[8]**
- b) Explain the three types of Production systems with their advantages & disadvantages. **[8]**
- Q3)** a) What are the functions & applications of Industrial engineering? **[8]**
- b) Explain in brief Principles of Material handling. **[8]**
- Q4)** Write SHORT NOTES on any THREE: **[18]**
- a) PMTS
 - b) Multiple activity chart
 - c) Contributions of F.W. Taylor
 - d) Group dynamics

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SECTION-II

- Q5)** a) What is the importance of control chart? Explain operating characteristic curve. [8]
b) Describe the advantages & disadvantages of Sampling & 100% inspection quality system. [8]
- Q6)** a) Explain quality function deployment. [8]
b) Explain quality of design, quality of conformance & quality of performance. [8]
- Q7)** a) Discuss Six Sigma concept. Explain the steps in the implementation of it. [8]
b) What is ISO, QS and CMM standards? State its application areas. [8]
- Q8)** Write SHORT NOTES on any THREE: [18]
a) Taguchi method
b) PMEA
c) Concurrent engineering
d) Reliability testing

