

PRODUCTION & OPERATIONS MANAGEMENT

Time: 3 Hrs

Max. Marks: 60

**Answer any Five questions
All questions carry EQUAL marks
Question No. 8 is Compulsory**

1. Define the scope of Production and Operations Management. Explain the various types of production systems?
2. What are the factors affecting plant location? Explain business process reengineering?
3. Discuss the role of inventory control in total materials management function?
4. a) EOQ b) Flexible manufacturing c) Material requirement planning
5. Explain the importance of scheduling. What are the methods of production control?
6. Explain the various factors to be considered in carrying out a method study?
7. Define TQM. What is the importance of inspection in quality control?
8. **CASE STUDY:**
Ten Samples of each size 100 hourly production of the mass produced items are taken and the number of defectives of each sample are given below. On base of the data obtain three-sigma control limits of the control chart and comment.

Sample No.	No. of defectives
1	7
2	6
3	8
4	8
5	5
6	9
7	8
8	8
9	7
10	10

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Code:16MBA2004

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**ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, TEKKALI
(AUTONOMOUS)**

I MBA II Semester Supplementary Examinations, June-2018

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