

K. J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH

Program: MMM 2nd Sem (Batch 2017-20)

Subject: Production and Productivity Management
(End term examination)

Maximum Marks: 50
Duration: 3 hours

Date: 10th April 2018

Notes:

1. *Question 1 is compulsory*
2. *Answer **any 2** in each of the questions in Q No. 2 to Q No. 4*
3. *Make suitable assumptions if required and state them.*
4. *Please answer to the point. Give examples wherever applicable.*

Question 1 (10 marks)

Consider that you are a part of an organization which is in the business of manufacturing and selling Washing machines. Answer the questions given below in this perspective.

1. A Define your Organization's Goals, that enable it to create and sustain competitive advantage and the various Internal and External factors that affect your Operations (at least 2 each).
- 2.C Explain in brief the type of Process flow that you would require to manufacture your Product.

Question 2 Answer (any two – 10 marks each)

2 A. How important are location decisions in operations management. What are the various methods for selection of the facilities, when will you use each of them?

2 .B Distinguish between a fixed order quantity system and a fixed time period inventory system and give an example of each.

2. C Describe the process to conduct a time study and set time standards in a traditional manufacturing organization.

Question 3 . Answer (any two – 5 marks each)

3. A Describe the product development process. What are the benefits of a sound product development process?

3 .B Describe the various Qualitative methods of Forecasting .

3. C What are the costs associated with quality. Describe with examples.

Question 4 Write short notes on (any two – 5 marks each)

i) Types of production Systems

ii) EOQ

iii) Theory of constraints.

iv) Supply Chain Management

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