

Tilak Maharashtra University
Master of Business Administration (Distance)
(Semester – II) - Internal Evaluation
Production Operation & Materials Management

Marks : 80

Code : MD 204

Note:

- ❖ The Paper Consist of two sections I & II
 - ❖ Attempt any three questions from Section I
 - ❖ Section II is Compulsory
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Section I

Q.1. a) What is Production & Productivity? What are the factors on which Productivity depends? Illustrate each factor. In what way good Industrial relation helps to promote the growth of Productivity & Vice versa? **(15 Marks)**

OR

b) Define Total Quality Management (TQM). What are the key principles & benefits of TQM. Why Inspection is done & where it is done? **(15 Marks)**

Q.2. a) What are the main factors involved during covering Plant Location. What are the main factors involved for merits & demerits at the time of site selection for any Industry / Services in Urban Vs. Rural area? **(15 Marks)**

OR

b) What are the various types of Plant Layout & Design. Illustrate each in detail. Give the comparison between product or Line Layout & Process Layout? **(15 Marks)**

Q.3. a) What is the maintenance of Plant & Machinery? Why it is required? What are the various types of Plant maintenance? What could be the losses incurred in case plant maintenance is not carried out timely & properly? **(15 Marks)**

OR

b) What is corrective maintenance & why it is done. What are the benefits of corrective maintenance. What is un-planned maintenance & when it is done? **(15 Marks)**

Q.4. a) Define Quality. What are the 4 stages of Quality. Illustrate each. What are the various Statistical Quality Control (SQC) techniques & when they are applied? **(15 Marks)**

OR

b) NOTE:- Write short notes on 3 out of 5. Each note carries 5 marks.

1. What are the various types of production system in the manufacturing system.
2. What are the function of Production Manager.
3. What is Incentive scheme & what are the objectives of an Incentive scheme.
4. What is Quality Circle & What are the objectives of Quality circle in the Industry / Services.
5. What is Method study & Work measurement.

Section II

Q.5. CASE STUDY---

In case you want to open a new Industry, what will be the various criterias & techniques you will adopt for starting a new Industry from the project stage till production. How to use CPM & PERT techniques to study the progress of the project. **(25 Marks)**

Q.6. What is production Planning & Control (PPC). What are the various objectives & functions of PPC. Illustrate each. **(10 Marks)**