

2401

DEPARTMENT OF MANAGEMENT SCIENCES
UNIVERSITY OF PUNE

TRIMESTER END EXAM
204 : MANUFACTURING & OPERATION MANAGEMENT

TIME : 2 1/2 Hrs

MAX MARKS : 50

- Note :- a) Answer any two questions from Q. No.1,2,&3 from section 1 (15 marks each)
b) Question NO . 4 is compulsory from section 1 (5 marks)
c) Answer any 3 question from section 2 (5 marks each)
d) Answer to both section should be written on separate answer sheets

SECTION -1

- Q.1. a) What is the role of Production planning & control in operations management ?
b) Discuss different phases in production planning & control functions in brief ?
- Q.2. A state transport bus service in a state is continuously facing problem of availability of buses & scheduling problems due to frequent breakdowns. Suggest the type of maintenance to improve the situation.
- Q.3. Plant layout is a problem of utilization of space & a good layout will lead to profit' - Explain.
- Q.4. Write short notes on (any 1)
a) Line balancing
b) Batch manufacturing

SECTION -2

- Q.5. "Incentive bonus under Rowan system is maximum when time taken to complete the task is half of the standard time" Discuss.
- Q.6. "To reward efficient workers & to penalize inefficient ones" what will be your strategy ? Explain with illustration.
- Q.7. How is an improved method installed in an organization & how is it ensured that the new method is set into concrete & workmen now would not revert back to the old methods ?
- Q.8. Being manager of a production company how will you design the incentive scheme where output of individual worker cannot be measured ? Support your scheme with its advantages.

2402

Gaurihar 4105

204 - MANUFACTURING AND OPERATIONS
MANAGEMENT

Time allowed - 3 hrs.

N.B.

1. Answer any FIVE questions.
2. All questions carry equal marks.



Q.NO.1

What is meant by plant layout? How does facility layout helps add value for customers and what are the objectives of manufacturing operations layout? (15)

Q.NO.2

A municipal bus service in a metropolitan city is continuously facing a problem of availability of buses due to frequent breakdowns; suggest the type of maintenance to improve the situation. (15)

Q.NO.3

List down different functions of production / operation management? How can effective production function offer competitive advantages to firms? (15)

Q.NO.4

- a) What are the factors influencing plant location?
- b) What may be the possible errors while selecting the location?

Q.NO.5

Write short notes (any TWO)

- a) What are the typical causes of plant breakdown?
- b) Benefits of work study.
- c) Work measurement. (15)

Time : 3 Hrs. 204 : Manufacturing & Operations Mgmt. Max.Marks : 60

- Note : 1. All questions carry equal marks.
2. Answer any three questions from question No. 1, 2, 3, 4 and 5
3. Answer any one question from question No. 6 and 7.
4. Answer to all questions must be written in same answer book.

- Q. 1. How does production planning contributes to the objectives of an organisation ? What are the characteristics of a good manufacturing planning ? List out the differences between production planning and control. [15]
- Q. 2. a. What are the key factor's that interact with the plant location decision ? [8]
b. What can be the possible errors while selecting a location. [7]
- Q. 3. A municipal bus services in a metropoliton city is continuously facing problem of availability of buses due to frequent breakdowns. Suggest the type of maintenance to improve the situation. [15]
- Q. 4. a. What is a process ? What factors influence choice of manufacturing system. [8]
b. Define different manufacturing processes [7]
- Q. 5. Write Short Notes on any (TWO) : [15]
a. Line balancing
b. Group techonolgy
c. Scheduling
d. Documentation in Progressing
- Q. 6. What are straight piece rate methods of wage incentives ? What are their essential characteristics ? Explain merits and demerits of piece rate methods. (15)
- Q. 7. Write Short Note on the following : (15)
1. CPM & PERT
2. Stages of Inspection
3. Sampling and Cent Percent Inspection
4. Basis of Sampling Inspection
5. Individual V/s Group Incentives

2304

MBA Old Syllabus

204
Time: 2 hours and 30 minutes
Date:

Manufacturing and Operations Management
Marks: 50

- a) Answer both the sections on different answer sheets. Each question carry equal marks.
- b) Solve any three question from each section. Each section carries 25 Marks.

SECTION A

- 1. Explain the various methods in Manufacturing?
- 2. Explain plant location and plant layout in detail.
- 3. What is Production planning and control? Explain in detail.
- 4. Explain nature, scope, importance and functions of Manufacturing Management.

SECTION B

- 1. What is the difference between quality control and inspection? Explain in detail.
- 2. Explain any two incentives schemes offered to workers in manufacturing?
- 3. Explain the various recording tools and techniques used in work study.
- 3. Explain the work measurement process in detail.

2305

PUNE UNIVERSITY
DEPARTMENT OF MANAGEMENT SCIENCES
MBA++ TRIMESTER EXTERNAL EXAMINATION
204 – OPERATIONS MANAGEMENT

TIME : 2 ½ Hours

MARKS: 50

- Note- 1) All questions carry equal marks for section I
2) Answer any three questions from section I .
3) Answers for section I & section II should be written in separate answer Sheets.
4) Section I is of 30 marks & Section II is of 20 marks .

SECTION -I

- Q.1. Explain salient features of maintenance & its importance ? Write in brief about various type of maintenance methods? (10 marks)
Q.2. List out the factors determining production planning procedures ? what is Production control & what are the benefits of Production control ? (10 marks)
Q.3. What do you mean by plant layout ? what are the objectives for manufacturing Operations layout. Explain. (10 marks)
Q.4. What are the key factor's that interact with the plant location decision ? what Can be possible errors while selecting a location? (10 marks)
Q.5. Write short notes on : (5 marks each)
a) Line balancing
b) Group technology

SECTION -II

NOTE : Question no 1 is compulsory & solve any two from remaining questions

- Q.1. Discuss in detail how work measurement data can assist management in the Following fields . (8 marks)
a) Production control b) Cost estimation c) Investment scheme
d) Cost reduction & cost control d) Manning
Q.2. What is inspection ? how does it differ from quality control ? what duties are generally assigned to the quality control department of the company? (6 marks)
Q.3. What are the decision parameters in outsourcing ? (6 marks)
Q.4. Write a note on any three of the following (6 marks)
1. Quality Circle
2. Kaizan
3. Pareto's Analysis
4. Poke- Yoke