

2054
B. Voc. (Logistic Management)
Fourth Semester
LEM-403: Production and Operations Management

Time allowed: 3 Hours

Max. Marks: 80

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Answer any four of the following:-

- a) What is production management?
- b) Product design.
- c) What are the objectives of Production Planning and Control?
- d) JIT Technique.
- e) Make or Buy Decision.
- f) Types of maintenance.

(4x4)

UNIT - I

II. Explain the important functions of production and operations management in detail.
(16)

III. What are the different stages in Product Development Process? Discuss some product development techniques with examples.
(16)

UNIT - II

IV. What are the various factors affecting facility location?
(16)

V. Explain the various objectives along with advantages of facility layout.
(16)

UNIT - III

VI. Explain in brief:

- a) Method Study
- b) Work Measurement

(2x8)

VII. Highlight the contribution of Total Quality Management and Six Sigma technique in the production process.
(16)

P.T.O.

(2)

UNIT - IV

- VIII. Explain some important inventory control tools and techniques for controlling cost in production. (16)
- IX. Explain in brief:
- a) Objectives of TQM
 - b) Objectives of statistical quality control. (2x8)

x-x-x