

2071
B. Voc. (Logistic Management)
Fourth Semester
LEM-403: Production and Operation 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. Attempt the following:-

- a) Differentiate between Product layout and Process layout.
- b) What are the functions of production management?
- c) What are the benefits of Just in Time technique?
- d) What are the factors affecting inventory control policy? (4x4)

UNIT - I

- II. What is production management? Critically analyse the nature and scope of production management. (16)
- III. What do you mean by product design? Explain the techniques of product development. (16)

UNIT - II

- IV. "The governing principle is that the location of a plant should be fixed in such a manner that the people interested in its success can sell goods most profitably and manufacture them with the least expense". Explain. (16)
- V. What do you understand by production planning and control? Analyse its objectives. (16)

UNIT - III

- VI. What do you understand by Method study? Explain the procedure involved in Method study. (16)

P.T.O.

(2)

- VII. Explain the techniques of work measurement and their application. (16)

UNIT - IV

- VIII. Explain in detail the various tools and techniques of inventory control. (16)

- IX. What is Statistical Quality Control? How does it helps in quality control system? (16)

x-x-x