

Exam. Code: 0313

Sub. Code: 2704

1128

**M.Com. (M.E.F.B.) Third Semester**  
**FB-303: Business Management - IV (Operations)**

**Time allowed: 3 Hours**

**Max. Marks: 80**

*NOTE: Attempt five questions in all, selecting atleast two questions from each Unit.*

x-x-x

**UNIT - I**

- I. What is plant layout? Describe the various types of plant layout. State any four most popular models which help to identify a near ideal layout. (16)
- II. Write short note on:-
  - a) Planning and Control for Batch Production Planning
  - b) control for job shop (16)
- III. Explain the various approaches for work and Job design. Discuss its advantages and disadvantages. (16)
- IV. Explain, with the aid of a diagram, the different components of an operations management system (e.g. inputs/process/outputs) explaining in as detail the nature of the different components. (16)
- V. Answer the following :-
  - a) What is meant by Facilities management and explain its benefits.
  - b) What is the importance of material handling? Explain four material handling equipments used in ports/shipyard. (16)

**UNIT - II**

- VI. Discuss the advantages and disadvantages of standardisation and codification? What are the techniques available for both them? (16)
- VII. Answer the following :-
  - a) Is it possible to operate a manufacturing system with almost no work in process (WIP) inventory at all? Why?
  - b) Why stock out cost of Inventory are difficult to determine? Suggest an appropriate approach to determine such costs.
  - c) Explain the steps for making ABC Inventory analysis giving examples. (16)

P.T.O.

(2)

- VIII. The board of directors of a large manufacturing Company is to decide whether to centralize its purchasing activities. Discuss the advantages and disadvantages of such a move. Indicate the range of activities to be carried out by the senior purchasing executive if they decide to choose centralized purchasing. Does multiple sourcing leads to bad relations with suppliers ? 'Why or why not? (16)
- IX. What are the major requirements of effective production planning and control system? (16)
- X. It may generally be said that Value Engineering leads to Cost Reduction. Can you give some specific benefits which may be expected when Value Engineering is effectively used within a manufacturing organisation? (16)

x-x-x