

[Total No. of Questions - 10] [Total No. of Printed Pages - 2]
(2123)

1437

MBA 2nd Semester Examination

Operations Management (O.S.)

206

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt five questions in all, selecting one question from each unit. All questions carry equal marks.

UNIT - I

1. What is 'Operations Management'? What are the different decisions taken by operations managers for production? (12)
2. Explain the various types of manufacturing processes. Mention with reason the type of manufacturing process you will recommend for a car company. (12)

UNIT - II

3. Explain the concept of economic order quantity (EOQ). What is the significance of EOQ in inventory control? (12)
4. What is time series analysis? What are the components of time series? How demand forecast is made by taking help of time series? (12)

UNIT - III

5. Discuss the role of production control system in enhancing the efficiency of production function. (12)

1437/50

[P.T.O.]

6. (a) What is the difference between PERT and CPM?
(b) Write a short note on 'Network Analysis'. (12)

UNIT - IV

7. (a) Explain the terms: Acceptable Quality Level (AQL) and Lot Tolerance Percent Defective (LTPD).
(b) What do you understand by statistical quality control? (12)
8. Describe the procedure for the construction of average and range control charts for variables. With the help of an example, show how UCL and LCL are determined for these charts. (12)

UNIT - V

9. State the factors to be borne in mind while deciding the layout of a plant. What are the advantages and limitations of a process layout for a plant? Under what conditions you would recommend process layout? (12)
10. Define Method Study. Differentiate between Method Study and Work measurement. Explain the procedure for conducting Method Study. (12)