

[Total No. of Questions - 20] [Total No. of Printed Pages - 3]
(2064)

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MBA 2nd Semester Examination
Production and Operations Management (N.S.)
MBA-205

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 : The question paper will consist of THREE sections A, B and C.

- (i) Section A will contain TEN short note type questions carrying 2 marks each. In this section all the questions are COMPULSORY.
- (ii) Section B will contain SIX short answer type questions carrying 5 marks each, out of which student has to answer ANY FOUR.
- (iii) Section C will contain FOUR Essay type Questions of 10 marks each, out of which student has to answer ANY TWO.

SECTION - A (Compulsory)

1. Define Job production
2. Name out different techniques for developing product.
3. What is localized purchasing?
4. Define the term Component store.
5. What are different methods of codification?

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6. Define preventive maintenance with suitable example.
7. What are the major objectives of TQM?
8. What is the mathematical expression of Value?
9. Define JIT and Kanban system.
10. What is formulae for Re-order level? (2×10=20)

SECTION - B (Attempt any Four)

1. From the following information find out economic order quantity.
 - (i) Annual usage 10000 units.
 - (ii) Cost of placing and receiving one order Rs. 50.
 - (iii) Cost of material per unit Rs. 25.
 - (iv) Annual carrying cost of one unit: 10% of inventory value.
2. What is meant by quality circles (QC)? Discuss their characteristics.
3. "Value analysis is a cost reduction technique but with a difference." Comment.
4. Differentiate between Product layout and process layout. Also discuss the significance of each type.
5. What is motion study? What purpose does it serve?
6. Discuss the meaning of purchasing. What are the major principles of purchasing? (4×5=20)

SECTION - C (Attempt any two)

1. What processes at manufacturing firms are really service processes that involves considerable customer contact? Can customer contact be high, even if the process only has internal customers?

2. Explain the nature of production activity. Analyse the important aspects that are covered under the production function.
3. "The pattern of plant layout are largely determined by the systems of production adopted". In view of differing system of production indicate the applicability of product and process layout in each system of production.
4. What is the importance of facility location? Describe quantitative models of facility location. (2×10=20)