

[Total No. of Questions - 20] [Total No. of Printed Pages - 3]
(2063)

894

MBA 2nd Semester Examination
Production and Operations Management

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)

(2 marks each)

1. Define operation management.
2. What do you mean by Batch production system.
3. Define Six Sigma.

894/600

[P.T.O.]

4. What is ABC Analysis?
5. Define Preventive Management.
6. What is centralized purchasing?
7. What are the symbols used for “operations”, “inspection” and “storage”?
8. What are the mathematical expression for centre of gravity method model?
9. What is factor rating method?
10. Define mnemonic method of codification?

SECTION - B (Attempt any Four)

(5 marks each)

1. Critically analyze the nature and scope of production/operation management.
2. Discuss the various steps involved in the selection of an industrial site.
3. What do you mean by term store? Describe the functions of a storekeeper.
4. Differentiate between Product and process layout and process layout. Also discuss the significance of each type.
5. A material department has to keep in touch with various department of a firm to ensure its smooth working. Discuss.
6. “First plan your work, then work your plan”. Comment upon this statement with regard to production planning and control.

SECTION - C (Attempt any two)**(10 marks each)**

1. How work study and time study help production manager in plant layout and production? Discuss with suitable example.
2. Explain different inventory control techniques and its applications in material management.
3. What is the importance of facility location? Describe quantitative models of facility location.
4. "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.