M.Sc.(Fashion Marketing Management) (2018 Batch)   (Sem.–3)

OPERATION RESEARCH

Subject Code : MSFMM-307-18

M.Code : 76716

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B consists of THREE Sub-sections : Units-I, II & III.**
3. **Each Sub-section contains TWO questions each, carrying TEN marks each.**
4. **Attempt any FOUR questions, ONE from each Sub-section and fourth from any sub-section.**

SECTION-A

1. **Write briefly :**

   a. Sequential processes

   b. Organized activity

   c. Operational research

   d. Mathematical optimization

   e. Input - output analysis

   f. Assets

   g. Dynamic programming

   h. Travelling salesman

   i. Full form of PERT

   j. Example of cpm

SECTION-B

UNIT-I

2. What are operation research and its application?

3. What are different types of models in operation research?

UNIT-II

4. Explain the steps in problem solution.

5. Explain the artificial variables and Big M.

UNIT-III

6. Elaborate Vogel's approximation method.

7. Explain the importance of transportation.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.