Printed Pages:02   **Sub Code: NMBA 027**

Paper Id: 270207   **Roll No.**

MBA
(SEM 2) THEORY EXAMINATION 2018-19
OPERATIONS MANAGEMENT

Time: 3 Hours   *Total Marks: 100*

Note 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. **Attempt all questions in brief.** **2 x 10 = 20**

a. Explain the term Modular design.
b. What are the advantages & disadvantages of automation?
c. Explain the term SDE?
d. What are the benefits of quality control?
e. Define the term material handling?
f. What are the objectives of purchasing?
g. Define the term 'Logistics'.
h. Define the term supply chain management.
i. What is meant by value analysis?
j. Define rough cut Capacity Planning.

SECTION B

2. **Attempt any** *three* **of the following:** **10x3=30**

a. What do you understand by facilities layout? Suggest a layout Design for a Hospital.
b. Discuss the Box-Jenkins Method of demand forecasting.
c. Explain the importance of information and technology in supply chain management.
d. Discuss Juran's Quality triology for quality improvement.
e. What is vender rating? Explain the process of vender Evaluation.

SECTION C

3. **Attempt any** *one* **part of the following:** **10x1=10**

a. With the help of example, Explain the factor rating method to chose the best plant location out of available alternatives.
b. Discuss the various steps to be used for the development of a new product.

4. **Attempt any** *one* **part of the following:** **10x1=10**

a. An 8 hours work measurement study in a plant reveals the following data:-
   Number of units produced = 320
   Idle Time = 15%
   Performance Rating = 120%
   Allowances = 12% of Normal Time, then determine the standard time per unit produced.
b. Explain the steps involved in stop watch time study.

5. **Attempt any** *one* **part of the following:** 10x1=10

a.   Write a detailed note on difference between SCM and CRM.
b.   What is Master Production Schedule? How it is prepared?

6. **Attempt any** *one* **part of the following:** 10x1=10

a.   Discuss the application of "Affinity diagram" a tool for quality improvement.
b.   Discuss the advantages of Preventive maintenance.

7. **Attempt any** *one* **part of the following:** 10x1=10

a.   What are the advantages and disadvantages of Centralized purchasing in Compansion to decentralized purchasing?
b.   Explain what is meant by warehouse management system.