

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 trilogy 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 Comparison to decentralized purchasing?
- b. Explain what is meant by warehouse management system.