

(Open)

M.B.A. SEM-II / M.B.A.(HR) SEM-II (2016 COURSE) CBCS :
SUMMER - 2018
SUBJECT: PRODUCTION & OPERATIONS MANAGEMENT

Day: **Wednesday**
Date: **02/05/2018**

S-2018-1814

Time: **02.00 PM TO 05.00 PM**
Max. Marks: 60

N.B.:

- 1) Attempt any **THREE** questions from Section –I. Each question carries **10** marks.
- 2) Attempt any **TWO** questions from Section –II. Each question carries **15** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.
- 4) Use of non -programmable **CALCULATOR** is allowed.

SECTION-I

- Q.1** What is Production Management? Explain its functions with suitable examples. (10)
- Q.2** How Product layout differs from process layout? Under what conditions is each type of layout suitable? (10)
- Q.3** What is Preventive Maintenance? How does it differ from breakdown maintenance? (10)
- Q.4** What is Inventory? Explain the advantages and disadvantages of holding inventories. (10)
- Q.5** Write short notes on any **TWO** of the following: (10)
- a) Supply Chain Management
 - b) Quality Circles
 - c) Types of Production
 - d) Just In Time

SECTION-II

- Q.6** What is plant location? Explain with reasons the criteria for selection of location for following plants: (15)
- i) Sugar Industry
 - ii) A super speciality Intensive Care Unit
- Q.7** What is Production Planning and Control? Discuss its scope in manufacturing organization. (15)
- Q.8** VIPUL Industry estimates that it will sell 12,000 units of its product for the forth coming year. The ordering cost is Rs. 100 per order and the carrying cost per unit per year is 20% of the purchase price per unit. The purchase price per unit is Rs. 50. Find: (15)
- i) Economic order Quantity (EOQ)
 - ii) Number of orders per year
 - iii) Time between successive orders

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