

Unit-III

6. Discuss the importance, functions and organisation of materials management.
7. A company requires 12,000 units of raw material per year at a price of ₹50 per unit. Ordering cost per order is ₹150 per order and the carrying costs are 20% of the price. Presently, the order quantity is 1000 units. How much can the company save if the order quantity is equal to EOQ ?

Unit-IV

8. Explain the functions of stores management. How do classification and codification help it ?
9. Write notes on :
- (a) Stores layout
- (b) Warehousing management.

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Roll No.

57541

**B.B.A. 5th Sem. (N.S.) 2014-17
Examination- November, 2016
Production and Material Management**

Paper-BBAN-501

Time : 3 hours

Max. Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after the examination.

Note : Attempt **compulsory** question No. 1 from Section-A and **four** questions from Section-B (**one** question from each unit). All questions carry equal marks.

Section-A

1. Briefly explain the following :
- (a) Objectives of production management
- (b) Features of services

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- (c) Routing
- (d) Stationary layout
- (e) Standardisation
- (f) Ordering costs
- (g) Materials handling
- (h) Objectives of stores management.

Section-B

Unit-I

- 2. What is the significance of production management in a manufacturing organization ? Discuss the long-term decisions of production management.
- 3. Discuss the merits and demerits of production to order system. In which types of industries is it more suitable ?

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Unit-II

- 4. Discuss the objectives and advantages of PPC. Why is PPC considered more complex in production to order systems than production to stock systems ?
- 5. Time taken by five operators (in minutes) in processing five jobs are given in the following matrix:

| Job | Operators | | | | |
|-----|-----------|----|----|----|----|
| | P | Q | R | S | T |
| A | 10 | 5 | 13 | 15 | 16 |
| B | 3 | 9 | 18 | 13 | 6 |
| C | 10 | 7 | 2 | 2 | 2 |
| D | 7 | 11 | 9 | 7 | 12 |
| E | 7 | 9 | 10 | 4 | 12 |

Find the optimal assignments.

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