

Roll No. : .....

Total No. of Questions : 9 ] [ Total No. of Pages : 4

**57541**

**B.B.A. 5th Semester  
Examination, March-2021  
(New Scheme 2014-17)**

**PRODUCTION AND MATERIAL MANAGEMENT  
Paper-BBAN-501**

*Time : Three Hours ] [ Maximum 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 examination.*

**Note :-** Attempt five questions in all, selecting one question from each Section. Question No. 1 is compulsory. All questions carry equal marks.

**Section-A**

1. Briefly explain the following :

- (a) Difference between manufacturing and production

- (b) Production system
- (c) Assignment problem
- (d) Need for maintaining inventories
- (e) Objectives of layout
- (f) Materials management
- (g) Benefits of standardisation
- (h) Surplus materials

**Section-B**

**Unit-I**

- 2. Highlight the importance of production management in a manufacturing organisation. Discuss its major long-term decisions.
- 3. Taking hypothetical examples, explain and illustrate factor rating and point rating methods for evaluating alternate locations.

**Unit-II**

- 4. Discuss the objectives, advantages and elements of PPC.

5. Construct the mean and range charts from the following data of 10 samples (each having three observations) :

Sample No.	Mean	Range
1	6.36	0.10
2	6.38	0.18
3	6.35	0.17
4	6.39	0.20
5	6.32	0.15
6	6.34	0.16
7	6.40	0.13
8	6.33	0.18
9	6.37	0.16
10	6.39	0.13

(For  $n = 3$ ,  $A_2 = 1.02$ ,  $D_3 = 0$  and  $D_4 = 2.57$ )

**Unit-III**

6. What is materials information system (MIS) ?  
What purpose does it serve ? How can it help in reducing materials costs ?

7. Discuss the meaning and procedure of value analysis. When should it be applied ?

**Unit-IV**

8. Discuss the objectives and importance of stores management. Which factors should be considered while deciding the stores layout ?
9. Write notes on the following :
- (a) Codification : Benefits and Methods
  - (b) Principles of materials handling

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