

Roll No. ....

Total Pages : 2

**301501**

**December 2023**

**BBA (GEN) - V SEMESTER**

**Production & Material Management (BBA-GEN-501)**

Time : 3 Hours]

[Max. Marks : 75

*Instructions :*

1. *It is compulsory to answer all the questions (1.5 marks each) of Part-A in short.*
2. *Answer any four questions from Part-B in detail.*
3. *Different sub-parts of a question are to be attempted adjacent to each other.*

**PART-A**

1. (a) Differentiate between production to order and production to stock. (1.5)
- (b) What is ABC analysis? (1.5)
- (c) What do you mean by the value of a product? (1.5)
- (d) Define Safety Stock. (1.5)
- (e) What is meant by ordering cost? (1.5)
- (f) What is store management? (1.5)
- (g) Define Quality Control. (1.5)
- (h) What is the purpose of spare parts? (1.5)
- (i) Why is it important to dispose of scrap and surplus appropriately? (1.5)

301501/400/111/84

**6** [P.T.O.]

(j) What is the purpose of inspection? (1.5)

### PART-B

2. Discuss in detail the generalized model of the production system. (15)
3. Discuss various steps involved in the value engineering process. (15)
4. Enumerate the factors affecting the selection of materials handling equipment. (15)
5. The values of the sample mean  $\bar{X}$  and the range (R) for ten samples of size 5 each are given below. Draw a mean chart and comment on the state of control of the process. Given the following control chart constraint for  $n = 5$ :  $A_2 = 0.58$ ,  $D_3 = 0$  and  $D_4 = 2.115$  (15)

Sample No.	1	2	3	4	5	6	7	8	9	10
$\bar{X}$	43	49	37	44	45	37	51	46	43	47
R	5	6	5	7	7	4	8	6	4	6

6. (a) State the benefits of EOQ model. (7.5)  
(b) Describe the advantages of logistics management. (7.5)
7. Explain with example how does codification of materials helps in controlling inventory and reducing costs. (15)