

Roll No.

Total No. of Pages: 02

Total No. of Questions: 09

BBA (Sem. – 3)

**PRODUCTION AND OPERATION MANAGEMENT**

Subject Code: BBAGE301-18

M Code: 76658

Date of Examination : 19-12-2022

Time: 3 Hrs.

Max. Marks: 60

**INSTRUCTIONS TO CANDIDATES:**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTIONS-B consists of FOUR Sub-sections : UNITS-I, II, III & IV. Each Sub-section contains TWO questions each, carrying TEN marks each.
3. Students have to attempt any ONE question from each Sub-section.

**SECTION-A**

1. Explain the following:

- a) Product design
- b) Difference between products and services
- c) Mass production systems
- d) Process layout
- e) PPC
- f) Six sigma
- g) Value analysis
- h) Inspection
- i) Acceptance sampling
- j) Range charts

## SECTION-B

### UNIT-I

2. Explain the new product development process.
3. Differentiate between project and job manufacturing systems. Explain the basic characteristics of each system.

### UNIT-II

4. What is the importance of location analysis? Describe the factors affecting location selection.
5. Write a note on capacity planning in firms.

### UNIT-III

6. Write a short note on productivity management in firms.
7. What are the functions and methods of purchasing? Explain.

### UNIT-IV

8. What is the role of inventory in firms? Explain the classification of inventory.
9. Describe the control charts used for quality control in manufacturing.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**