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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: 28-11-2025

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.
3. Each Sub-section contains TWO questions each, carrying TEN marks each.
4. Student has to attempt any ONE question from each Sub-section.

SECTION-A

1. Write briefly:

- a) Product Design
- b) Mass Manufacturing
- c) Facility Location
- d) Production Planning
- e) Just-in-Time
- f) Value Analysis
- g) EOQ
- h) Control Charts
- i) Inventory Carrying Cost
- j) FIFO

SECTION - B

UNIT - I

2. What do you mean by operations management? Write a detailed note on the product development process.
3. Briefly describe the functions of a production manager. Also, briefly discuss the impact of various environmental factors on production and operations management.

UNIT - II

4. What do you mean by capacity planning? Discuss various factors affecting capacity planning.
5. What do you mean by layout planning? Discuss the basic types of layouts. Also describe the objectives of layout.

UNIT - III

6. How would you describe the input-output analysis method in production process? How it can be used in finding productivity of the enterprise?
7. What is six sigma? Discuss the objectives and importance of six-sigma.

UNIT - IV

8. What do you mean by quality control? Write a detailed note on the use of control charts in total quality management.
9. What do you mean by ABC Analysis? Discuss in detail the usage and importance of ABC Analysis in inventory management.

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