

Dr. Babasaheb Ambedkar Open University, Ahmedabad

Term-End Examination : January-2026

Course Name : MBA

Subject Name : Production Operation

Subject Code : MBA02C205

Date : 20-02-2026

Time : 03:00PM TO 05:15PM

Max Marks : 70

Q.-1. Write answers to any one of the questions given below (in 1,200 words). (14)

- (1) Describe the Scope of Production & Operations Management.
- (2) Describe the Statistical Process Control in detail.

Q.-2. Answer the following question (Attempt any one) in about 1200 words. (14)

- (1) Explain the concept of Product quality with reference to Customer requirements and standard Comparison.
- (2) Discuss the Present scenario and implementation of Green manufacturing.

Q.-3. Write answers to any one of the questions given below (in 1,200 words). (14)

- (1) Discuss the various components of Service Blueprint in detail.
- (2) Automation is a technology that applies Mechanical electronic and computer based system to operate and Control Production.-Elaborate it.

Q.-4. Write answers to any one of the questions given below (in 1,200 words). (14)

- (1) Discuss the factors affecting Industrial Location in detail.
- (2) Discuss the Inventory Management Techniques in detail.

Q.-5. Write short notes on any three of the following topics. (9)

- (1) Feasibility Study.
- (2) Forces Driving Green Manufacturing.
- (3) Job Design.
- (4) Six Sigma maintenance Process.
- (5) Advantages of Lean manufacturing.

Q.-6. Choose the correct option (A, B, C, or D). (5)

(1) The Product–Process continuum shows:

- A) Relationship between cost and price
- B) Relationship between product and process orientation
- C) Relationship between machines and operators
- D) None

(2) Which production system uses general-purpose machines?

- A) Mass
- B) Continuous
- C) Job shop
- D) All of these

(3) In a service blueprint, the line that lies between consumer actions and visible employees is known as?

- A) Line of Visibility
- B) Line of Interaction
- C) Line of Internal Interaction
- D) None of these

(4) Operating system converts inputs into:

- A) Debts
- B) Outputs
- C) Waste
- D) Machinery

(5) Continuous production is suitable when:

- A) High flexibility is needed
- B) Low investment desired
- C) Product is standardized
- D) Production is seasonal
