

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

BBA (2018 Batch) (Sem.-3)
PRODUCTION AND OPERATION MANAGEMENT

Subject Code : BBAGE301-18

M.Code : 76658

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) Stock Control Systems
- b) Just in Time System
- c) ABC Analysis
- d) Control Charts
- e) Location Analysis
- f) Project Process
- g) Purchasing Management
- h) Product Development
- i) Six Sigma
- j) Quality Concepts

SECTION-B

UNIT-I

2. Explain Product Design and Development in detail.
3. Explain Mass Process Selection and types of Production System.

UNIT-II

4. What is Capacity Planning? Discuss various factors affecting Capacity Planning.
5. Discuss facility layout with types of different layouts.

UNIT-III

6. Explain modern productivity techniques.
7. Discuss the purchasing management and its functions.

UNIT-IV

8. Explain inventory cost, EOQ model and re-order level.
9. Discuss various techniques of Quality Control.

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SECTION-A

1. Write briefly :
- Production Management
 - Job Production
 - Mass Production
 - Objectives of facility layout
 - Importance of facility location
 - Kanban system
 - Just in Time inventory
 - Stock control system
 - Quality control
 - Acceptance sampling

SECTION-B

UNIT-I

- 2 Explain the various techniques of product development. Also explain the process to develop a product taking a suitable example from any industry.
- 3 What are the functions of operations management? Explain the classification of decision areas of production and operations management.

UNIT-II

- 4 What do you understand by the term capacity planning? Explain the factors affecting the capacity planning and capacity planning decisions
- 5 What is Production Planning and Control (PPC)? What are its objectives and functions?

UNIT-III

- 6 Explain the concept of purchasing management. What are its functions and procedure?
- 7 What is Total Quality Management (TQM)? Explain its process and costs involved with Total Quality Management.

UNIT-IV

- 8 Explain the various models of inventory management. What is the role of inventory costs in implementing these models?
- 9 What do you mean by statistical process control? What are statistical methods to check and control quality of products?

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BBA (Sem.-3)

PRODUCTION AND OPERATION MANAGEMENT

Subject Code : BBAGE301-18

M.Code : 76658

Date of Examination: 29-11-2024

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

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4. Student has to attempt any ONE question from each Sub-section.

SECTION-A

1. Write brief notes on the following :

- a) Characteristics of product design.
- b) Importance of facility location.
- c) Batch production.
- d) Mass production.
- e) Capacity planning decision.
- f) Total Quality Management.
- g) Six Sigma.
- h) Virtual Factory concept.
- i) Safety stock level.
- j) Quality Assurance.

SECTION-B

UNIT-I

2. What do you understand by the term Operations Management? What are its functions and why is it significant?
3. Elaborate the development process of a product. Use a suitable example from any industry.

UNIT-II

4. What are the objectives and advantages of facility layout? Also explain the different types of layouts.
5. What do you mean by Production Planning and Control? Explain its concept, objectives and functions.

UNIT-III

6. Elaborate the various modern productivity techniques. As a production manager, which technique would you use if you are heading a production unit in textile industry. Support your answer.
7. What is value analysis? Explain the process of value analysis in detail.

UNIT-IV

8. How do you define Quality management? Explain the difference between inspection, quality control and quality assurance.
9. What do you mean by Inventory management? Explain the factors affecting the inventory control policy.

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