

Total No. of Questions: 7]

SEAT No. :

PB1421

[6225]-402

[Total No. of Pages :3

S.Y.B.B.A.

**402-GC:PRODUCTIONS AND OPERATIONS MANAGEMENT
(2019 Pattern) (Semester-IV)**

Time : 2½ Hours]

[Max. Marks :70

Instructions to the candidates:

- 1) Q. No. 1 and Q.7 are Compulsory.
- 2) Attempt any three from Q.No 2 to Q.No. 6.
- 3) Figures to the right indicate full marks.

Q1) A) Multiple Choice Questions.

[5]

- a) Objective of Production and Operations Management
 - i) Maximising profits and minimising costs
 - ii) Ensuring customer satisfaction
 - iii) Enhancing quality and productivity
 - iv) All of the above
- b) Role of Routing
 - i) Allocating resources
 - ii) Determining the sequences of operations
 - iii) Managing finances
 - iv) Forecasting demand
- c) Which of the following is a bio-mechanical factor considered in ergonomics?
 - i) Posture and movement patterns
 - ii) Motivation
 - iii) Financial performance
 - iv) Demand
- d) Functions of production and operation management.
 - i) Inventory management
 - ii) HRM
 - iii) Forecasting
 - iv) None of the above

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- e) CIM is.
 - i) Computer Interface Management
 - ii) Computer Integrated Manufacturing
 - iii) Controlled Internal Manufacturing
 - iv) None of the above

B) Fill in the blanks. [5]

- a) ____ layout arranges work centres and equipment based on the sequence of operations.
- b) ____ is ratio of output to input in production.
- c) ____ refers to implementation of production plan and schedules by aligning varied activities.
- d) In Job stop Production ____ are required.
- e) Research design is the ____ of research.

C) Match the Pair. [5]

- | Group A | Group B |
|------------------------|---------------------------|
| a) Fruits | i) Fixed position layout |
| b) Automobile industry | ii) Factory location |
| c) Gantt chart | iii) Perishable product |
| d) Plant location | iv) Production scheduling |
| e) Dam construction | v) Mass production |

D) Answer in one sentence. [5]

- a) Define production.
- b) What is plant layout.
- c) What is productivity?
- d) What is Ergonomics?
- e) What is inventory?

Q2) Explain the intermittent production system. [10]

Q3) Explain the process of production Planning. **[10]**

Q4) Explain the concept of Quality Control. **[10]**

Q5) Explain the types of maintenance system. **[10]**

Q6) Explain objectives of production and operations management **[10]**

Q7) Short Notes (Any 4). **[20]**

- a) Advantages of automation in industry
- b) Quality circle
- c) Service layout
- d) Production design
- e) Material Handling
- f) Advantages of intermittent production

