

Total No. of Questions : 3.]

SEAT No. :

PC-1113

[Total No. of Pages : 2

[6316]-202

S.Y. B.B.A.

**402 GC: Production and Operations Management  
(2019 Pattern) (Semester - IV) (CBCS)**

*Time : 2½ Hours]*

*[Max. Marks :70*

*Instructions to the candidates:*

- 1) *All Questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Draw a diagram wherever necessary.*

**Q1) A) Multiple Choice Questions (Any 5):**

**[5]**

1. Product layout is preferably used for \_\_\_\_\_
  - a) Repetitive Processing
  - b) Intermittent
  - c) Both (a) and (b)
  - d) None of the above
2. The type of layout that would be need to build a submarine is
  - a) Fixed position
  - b) Product
  - c) Process
  - d) Aquatic
3. The following cases the process of stock control \_\_\_\_\_
  - a) Standardization
  - b) Simplification
  - c) Both (a) and (b)
  - d) None of the above
4. 'Ergonomics' is related to human \_\_\_\_\_
  - a) Comfort
  - b) Saftey
  - c) Both (a) and (b)
  - d) None of the above
5. According to Deminy, Quality problem \_\_\_\_\_
  - a) Due to management
  - b) Due to method
  - c) Due to machine
  - d) Due to material
6. The following is scheduled maintenance \_\_\_\_\_
  - a) Overhauling of machine
  - b) Cleaning of tank
  - c) White washing of building
  - d) All of the above

**P.T.O.**

**B) Match the Pairs:** [5]

**Column - I**

- 1) Type of Plant Layout
- 2) Dispatching Procedure
- 3) Limitation of TQM
- 4) Automation in Manufacturing
- 5) Safety Considerations

**Column - II**

- a) Poor Maintenance, Permanent Hazards
- b) Product or Line Layout
- c) Decentralized, Centralized
- d) Flexible, Fixed Automation
- e) Demands a change in culture, quality is expensive

**C) Answer in one sentence (Any 5):** [5]

- a) Define 'Production Planning'.
- b) Explain 'Service Layout'.
- c) What are the Limitations of Quality Circle?
- d) Explain 'PERT'.
- e) What do you mean by Productivity?
- f) Define 'Plant Layout'.

**D) Fill in the blanks (Any 5):** [5]

- a) \_\_\_\_\_ refers to preserving goods in a protected environment.
- b) New-product development starts with \_\_\_\_\_
- c) While setting quality objective, \_\_\_\_\_ to be considered.
- d) \_\_\_\_\_ of the following is not an important condition for preventive maintenance.
- e) \_\_\_\_\_ of the following is not counted among safety equipment.
- f) Quality circle is also known as \_\_\_\_\_

**Q2) Write Long Answer (Any 3) :** [3 × 10 = 30]

- a) Explain production Management. Explain objectives of production management.
- b) Explain plant layout. What are the types of plant layout?
- c) What is production control? Explain objectives of production control.
- d) Explain in detail the need and importance of TQM.
- e) What is Automation in Manufacturing? Explain the types of Automation.
- f) Explain Routing. Discuss the procedure of routing in detail.

**Q3) Write Short Notes (Any 4) :** [4 × 5 = 20]

- a) Product Policy.
- b) Dispatching.
- c) Service layout.
- d) Ergonomics.
- e) Six Sigma Maintenance.
- f) Computer Aided Maintenance.

