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**Presidency University**

**Bengaluru**

**SCHOOL OF COMMERCE**

**Summer term End Term Examinations, August 2024**

**Summer Semester**: 2023 - 24

**Course Code**: BBA 2012

**Course Name**: Productions and operations management

**Program & Sem**: BBA

**Date**: 12/ August / 2024

**Time**: 1.00pm-4.00pm

**Max Marks**: 100

**Weightage**: 50%

**Instructions:**

1. *Read the all questions carefully and answer accordingly.*
2. *Question paper consists of three parts.*
3. *Scientific and Non Programable Calculators are Permitted.*
4. *Do not write any information on the question paper other than roll number.*

**Part A**

**Answer any FIVE Questions. (5 Q x 2 M = 10 M)**

1. State the objective in designing a product (C.O.No.1) [Knowledge]

2. “Location decision is a trade-off decision”- why? (C.O.No.1) [Knowledge]

3. “Product layout is better than process layout.” Do you agree with this statement? (C.O.No.1) [Knowledge]

4. Why layout of facilities is needed for organization? Explain with an example.

(C.O.No.2) [Comprehension]

5. State the objective in designing a product (C.O.No.1) [Knowledge]

6. Define capacity planning (C.O.No.1) [Knowledge]

7. What are the factors affecting forecasting? (C.O.No.1) [Knowledge]

**Part B**

**Answer any FIVE Questions. (5Q x 10 M = 50 M)**

8. Discuss on the recent trends in production and operations management.

(C.O.No.1) [Knowledge]

9. Describe the primary inputs, outputs and conversion subsystems of the

Following:

(i) Dry cleaning

(ii) Electronic manufacturing

(iii) Fire station

(iv) Employment office. (C.O.No.1) [Knowledge]

10. “Production management is the process of planning, organizing and controlling the activities of production function”- Elaborate. (C.O.No.2) [Comprehension]

11. Give the typical organization structure for production management.

(C.O.No.2) [Comprehension]

12. Discuss the factors affecting the facility location analysis. Also explain the factors which could affect the decision to set up a Electrical Plant in Bengaluru. (C.O.No.2) [Comprehension]

13. Write short notes on:

a) Capacity Planning

b) Process Layouts. (C.O.No.2) [Comprehension]

14. Discuss the different functions of operations management and also its relationships with

other functional areas in an organisation. (C.O.No.2) [Comprehension]

**Part C**

**Answer TWO Questions. (2 Q x 20 M = 40 M)**

15. Mention situations in (i) banking, (ii) advertising, (iii) agriculture,(iv) hoteliering where production and operations management is involved. Describe the inputs, outputs, processes, utilities used in these organizations.

(C.O.No.1) [Knowledge]

16. List and explain all the factors that affect the location of a plant. Further explain the factors

which could affect the locational decision to set up a refinery unit in Bengaluru. (C.O.No.1) [Knowledge]

17. The following businesses are considering locating in your area

[a] A south Indian restaurant

[b] A sporting goods store

Describe the positive and negative location factors for each of these businesses. (C.O.No.1) [Knowledge]