DECEMBER 2022 **P/ID 77937/RMB3N**

Time : Three hours Maximum : 80 marks

SECTION A — ($10 \times 2 = 20$ marks)

Answer any TEN questions in 50 words each.

1. What do you understand by the term Process Planning?

2. What is Plant Capacity Planning in Operations management?

3. Define Ergonomics.

4. What do you understand by Layout of Manufacturing Facility?

5. What are basic types of Layout?

6. Define Inventory.

7. What is Preventive Maintenance?

8. Write a short note on Breakdown Maintenance.

9. What do you mean by Individual Replacement?

10. Explain work measurement technique.

11. What is Operating Characteristics Curve?

12. What do you mean by Waiting Line Analysis?

SECTION B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. Bring out the uses of Crossover Chart.

14. What are the different types of Charts used in Operations Management?

15. Discuss the Qualities of Good Layout.

16. Bring out the principles of Materials Handling.

17. List out the process of Group replacement.

18. Elaborate about Allowance Factors.

19. Explain the different types of Inspection.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Write an essay on Manufacturing Trends in India.

21. What do you understand by Layout of Manufacturing Facility? Elaborate with example.

22. What is Maintenance? Explain the different process involved in efficient Maintenance.

23. What are the purposes of Quality Control? Explain why?

24. Write an essay on Service Operations Management in Indian Context.
