MAY 2024 **P/ID 77937/RMB3N**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. Production.

2. Productivity.

3. PPE.

4. Safety Equipments.

5. Safety stock.

6. MRP.

7. Economic Batch Quantity.

8. Supply chain.

9. Method study.

10. Inspection.

11. Service level.

12. Service encounter.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Explain the scope of operations management.

14. Why production is called as system? Explain.

15. What are the plant location analysis techniques? State their purpose.

16. What are the types of maintenance? Explain with examples.

17. Explain the different kinds of work sampling techniques.

18. State and explain the objectives of control charts.

19. What is service blue print? State its applications.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Examine the challenges of operations management.

21. Describe the factors determine plant location.

22. "JIT is not suitable to Indian manufacturing companies"-Comment on the statement.

23. Illustrate the procedures involved in work study.

24. Explain the role of waiting line analysis in service improvement.

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