DECEMBER 2023 **P/ID 77937/RMB3N**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

Write a short note on the following:

1. Operations management.
2. Quality control Charts.
3. Plant rate.
4. Lean Production.
5. Reorder point.
6. VED classification.
7. Time study.
8. Work Sampling.
9. Job sequencing.
10. Attributes.
11. Blueprint.
12. Waiting line.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. What are the challenges of operations management? Explain.

14. Explain the factors influencing make or buy decisions.

15. Give an account of multiple plant location.

16. Explain the role of ergonomics in job design.

17. Differentiate between preventive and breakdown maintenance.

18. State and explain the different types of inspection.

19. Explain how to design service organisation.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Describe the functions of operations management.

21. What are the principles of a good layout? Explain with suitable examples.

22. Discuss the classifications of inventory.

23. Enumerate and explain the steps in method study.

24. Explain how to make service delivery efficient.

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