DECEMBER 2024 **P/ID 78008/RMBL3**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

Write a note on the following:

1. Inventory.
2. Distribution centers.
3. Reorder level.
4. Carrying cost.
5. FIFO.
6. ABC analysis.
7. Stockpiling.
8. Assortment.
9. Product flow.
10. Public warehouse.
11. Mnemonic System.
12. MRP.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Bring out the role of inventory.

14. Bring out the types of inventories and explain them.

15. State and explain the significance of inventory control.

16. What is EOQ? Mention its need.

17. What is quadrant technique in inventory management? Explain.

18. Briefly explain the importance of warehousing.

19. Write a detailed note on warehouse layout.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Describe the functions of inventory in a manufacturing industry.

21. What is JIT? Explain its benefits to production.

22. What is satellite tracking system? Explain its applications in inventory control.

23. Enumerate and explain the various functions of warehouse.

24. State and explain the principles of a warehouse design.

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