DECEMBER 2023 **P/ID 78008/RMBL3**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. Describe Inventory Management.

2. What do you mean by Inventory Holding Cost?

3. Examine the effect of Inventory Management on Profitability.

4. What is Economic Lot Size?

5. Show the Importance of Inventory Reorder Level.

6. Infer the basic elements of JIT.

7. Write short note on Buffer Inventory.

8. How to manage Inventory of Spare Parts?

9. Inspect the application of EDI in Inventory Management.

10. Show the advantage of I-Shaped Layout in Warehousing.

11. What is Material Standardization?

12. Write a brief note on Break Bulk Shipping.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. State the Functions of Inventory.

14. Determine the Symptoms of Poor Inventory management.

15. Outline the Advantages of Two-Bin System in Inventory management.

16. Mention the Similarities between MRP and DRP Inventory Systems.

17. Show the Benefits of Inventory Tracking.

18. Interpret the Principles of Warehouse design.

19. Examine the need of Consumption Based Planning in Warehouse Management.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Discuss the Role and Importance of Inventory Management in Supply Chain.

21. Illustrate EOQ Model for Inventory Control. Discuss the application of ABC Analysis in Inventory Management.

22. Evaluate the different Methods of Inventory Valuation.

23. Examine the Key Factors in Planning a Warehouse Network and Design.

24. How to optimize Warehouse Operations with ERP Tools? Explain the different Lot Sizing Techniques in MRP.

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