DECEMBER 2023 **P/ID 78002/RMBS1**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. Write the examples for database language.
2. Define entity.
3. What is relational algebra?
4. What do you mean by assertion?
5. What is triggers in DBMS?
6. State object relational database.
7. What is intra query?
8. Write short note on concurrency control.
9. Define parallel database.
10. What is coordinator selection?
11. What do you mean by aggregate function?
12. Write short note on decomposition.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Discuss about storage management in DBMS.

14. Explain weak entity sets with examples.

15. Describe the structure of relational database.

16. Why Normalisation should be based on functional dependency? Explain.

17. Explain object-oriented language in DBMS.

18. Elaborate on the types of transactions supported by multidatabase environment.

19. Discuss the different distributed data storage.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. With example, explain the components of ER diagram.

21. Discuss the different types of modifications problems in database.

22. Describe the role of functional dependencies.

23. Explain the nested relations in object-oriented data model.

24. Elaborate on different types of transaction model.
