B.Com(ISM) DEGREE EXAMINATION,APRIL 2019
II Year IV Semester
Database Management Systems

Time : 3 Hours **Max.marks :75**

Section A $(10 \times 2 = 20)$ Marks

Answer any **TEN** questions

1. What is DBMS?
2. Define foreign key.
3. Define DML.
4. What data dictionary?
5. Define normal form.
6. What is decomposition?
7. Mention any three table operations available in query languages.
8. Define data clustering.
9. What is the role of database administrator?
10. Define: 'transaction'.
11. What is table?
12. Define Reports.

Section B $(5 \times 5 = 25)$ Marks

Answer any **FIVE** questions

13. Explain the purpose of database system.
14. Discuss about DDL.
15. Explain Third Normal Form with example.
16. Write in detail about Exception Handling of PL/SQL with example.
17. Brief on development stages in database administration.
18. Write short notes on ER – diagrams.
19. Explain the structure of relational database.

Section C $(2 \times 15 = 30)$ Marks

Answer any **TWO** questions

20. Discuss the various components of a DBMS.
21. Explain the about normalization using functional dependencies.
22. Explain in detail about Queries of SQL with example.
23. Discuss about database Backup and Recovery.

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