B.Com. (ISM) DEGREE EXAMINATION,NOVEMBER 2018
II Year IV Semester
Core Major- Paper VII
DATABASE MANAGEMENT SYSTEMS

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

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

Answer any **TEN** questions

1. What is Database?
2. Define Primary key.
3. Write the basic structure of SQL SELECT statement.
4. What basic aggregation functions are available is the select command?
5. What are the pitfalls in creating a Database?
6. What is Normalization?
7. What are variables?
8. List the basic human factors design elements.
9. What is Data Security?
10. What is super key?
11. List the roles of DBA.
12. Define Procedural Language.

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

Answer any **FIVE** questions

13. Write a short note on E-R Diagrams.
14. Explain the BCNF.
15. Write a short note on mapping constraints.
16. Write a brief note on oracle report writer.
17. Describe the distributed database.
18. Discuss about back up and recovery.
19. Write a note on concurrency control.

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

Answer any **TWO** questions

20. What are the advantages and applications of DBMS?
21. Explain the various SQL DDL statements with example.
22. Explain about the Data Manipulation Language.
23. Discuss about database security and privacy.

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