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. Define the term Foreign key.

2. List symbols used in E-R diagram.

3. List any two features of Relational algebra.

4. What do you know about formal query language ?

5. Write a SQL query to list students who scored more than 60% percentage in a student database with fields
   (Register number,Name,class,percentage).

6. List DCL commands.

7. Define the term Decomposition.

8. List pitfalls in Relational database design.

9. List any two advantages of PL/SQL.

10. Write the features of PL/SQL editor.

11. Define the term form in Oracle.

12. List formal query languages in Relational model.

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

Answer any **FIVE** questions

13. List advantages of DBMS.

14. Explain the feature of Join relations.

15. How subqueries are created ? Explain.

16. How Third normal forms differs from Second normal forms ? Explain.

17. Explain Exception handling mechanism in PL/SQL .

18. Explain the features of Data Dictionary .

19. List and explain Data Defintion language statements.

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

Answer any **TWO** questions

20. Discuss various mapping constraints in E-R model with suitable examples.

21. Discuss Data manipulation language statements in SQL.

22. Discuss the characteristics of Boyce codd normal forms with suitable example.

23. How procedures are created in PL/SQL ? Explain with an example.

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. Define the term Foreign key.
2. List symbols used in E-R diagram.
3. List any two features of Relational algebra.
4. What do you know about formal query language ?
5. Write a SQL query to list students who scored more than 60% percentage in a student database with fields
   (Register number,Name,class,percentage).
6. List DCL commands.
7. Define the term Decomposition.
8. List pitfalls in Relational database design.
9. List any two advantages of PL/SQL.
10. Write the features of PL/SQL editor.
11. Define the term form in Oracle.
12. List formal query languages in Relational model.

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

Answer any **FIVE** questions

13. List advantages of DBMS.
14. Explain the feature of Join relations.
15. How subqueries are created ? Explain.
16. How Third normal forms differs from Second normal forms ? Explain.
17. Explain Exception handling mechanism in PL/SQL .
18. Explain the features of Data Dictionary .
19. List and explain Data Defintion language statements.

Section C $(3 \times 10 = 30)$ Marks

Answer any **THREE** questions

20. Discuss various mapping constraints in E-R model with suitable examples.

21. Discuss Data manipulation language statements in SQL.

22. Discuss the characteristics of Boyce codd normal forms with suitable example.

23. How procedures are created in PL/SQL ? Explain with an example.