

RS 55017

THREE YEAR B.Com. (Comp.) (CBCS) DEGREE EXAMINATION, DECEMBER 2024
FIFTH SEMESTER

DATABASE MANAGEMENT SYSTEMS

Time : 3 hours

Maximum : 75

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Define (a) Data (b) Information.
2. List of explain five objectives of DBMS.
3. Explain DBMS approach.
4. Write a brief note on DBA.
5. Explain the concept of Relational Data Modal.
6. What is a Relationship? Explain its types.
7. Explain Table Modification in SQL.
8. Write any five data types in SQL.
9. What are the steps involved to create a PL/SQL program.
10. Write a note on Function.

PART B — (5 × 10 = 50 marks)

Answer ALL questions.

11. Explain briefly about Data base and Database Management System.

Or

12. Explain Evolution of Database Management System.

13. What are the drawbacks of File-Based system?

Or

14. Explain the components of Database system.

15. Draw and explain Building Blocks of an Entity-Relationship.

Or

16. Explain Generalization and Specialization.

17. Explain briefly about DDL commands in SQL.

Or

18. Explain imposition of constraints in SQL.

19. Briefly explain conditional statements in PL/SQL.

Or

20. Explain Exception handling.

RS 51015

THREE YEAR B.A./B.Sc.(CBCS) DEGREE EXAMINATION, MARCH/APRIL 2021.

FIFTH SEMESTER

Computer Applications

Paper V — DATABASE MANAGEMENT SYSTEMS

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. What is a Data dictionary?
2. What is a Data Model?
3. What is the use of Normalization?
4. What is the need for SQL?
5. What is the use of NULL?
6. What is DML ?
7. What is a Sub query?
8. What is an Index?
9. What is Looping?
10. What is a cursor?

PART B — (5 × 10 = 50 marks)

Answer ALL questions.

11. Explain various functions of DBMS.

Or

12. Explain ER model with examples.
13. Write about 1NF, 2NF and 3NF with examples.

Or

14. Create a table with 5 columns and perform various DML operations over it.

15. Explain the working of commit, Rollback and save point.

Or

16. Write the usage of group by clause with examples.

17. Write about any five built-in Functions.

Or

18. Explain joins with examples.

19. Write about exception handling mechanism in PL/SQL.

Or

20. Create a table and write a trigger over it when a delete operation is performed.

RS 51015

THREE YEAR B.A./B.Sc. (CBCS) DEGREE EXAMINATION, DECEMBER 2020

FIFTH SEMESTER

B.Com. (Computer Applications)

Paper V - DATABASE MANAGEMENT SYSTEMS

Maximum : 75 marks

Time : Three hours

(No additional sheet will be supplied)

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. List out Functions and Responsibilities of DBA.
2. Explain Entity and Relationship.
3. Explain 4NF.
4. Write a note on Alter command.
5. Explain how to update Rows and Columns n task.
6. Explain Date functions.
7. Write a note on view.
8. Define Cursor.
9. Write about Comparison Operators.
10. Explain For statement in PL/SQL.

PART B — (5 × 10 = 50 marks)

Answer ALL questions.

11. Explain different types of data models.

Or

12. Explain Conversion of E-R modal into Relations.
13. What is Normalization? Explain basic Normal forms.

Or

14. Explain different types of constraints.

15. Write a brief note on commit, Rollback and save point.

Or

16. Write (a) Delete (b) Drop (c) Truncate commands.

17. Explain different types of joins in SQL.

Or

18. Explain how to Create, alter and drop sequence.

19. Explain block structure of PL/SQL.

Or

20. Explain how to Create, disable/enable and drop trigger.
