[21-BS325]

AT THE END OF THIRD SEMESTER (CBCS PATTERN) EXAMINATION

COMPUTER SCIENCE - III - DATABASE MANAGEMENT SYSTEM

UG PROGRAM (4 YEARS HONORS)

(w.e.f. Admitted Batch 2020-21)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **five** questions.   (5×5=25)

1. Write draw backs of file based systems.

2. Write the advantages of E R Modelling.

3. Write about degree of relationship.

4. Write a note on CODD rules.

5. Write about classifications of database approach.

6. What are the data types in SQL.

7. What is a Database Trigger? Write about different types of Triggers.

8. Write about SUBQUERY concept in SQL.

SECTION - B

II. Answer **all** questions.

(5×10

9. a) Explain various Data Models.

(OR)

b) Explain Three Schema Architecture.

10. a) Write about the basic building block ERM?

(OR)

b) Explain the Specialization and Generaliza concept.

11. a) Explain Relational Algebra Operations.

(OR)

b) What is normalization and write about 1ˢ and 3ʳᵈ Normal forms.

12. a) Explain DDL, DML, DCL commands in S

(OR)

b) Write the syntax of SELECT and expl FROM, WHERE, ORDER by clauses appropriate examples.

13. a) Write and explain the structure of PL/S programme.

(OR)

b) Write about the control structures support by PL/SQL.