

[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

I. 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.

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[Turn over

SECTION - B

II. Answer all questions. (5×10=50)

9. a) Explain various Data Models.

(OR)

- b) Explain Three Schema Architecture.

10. a) Write about the basic building blocks of ERM?

(OR)

- b) Explain the Specialization and Generalization concept.

11. a) Explain Relational Algebra Operations.

(OR)

- b) What is normalization and write about 1st, 2nd and 3rd Normal forms.

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

(OR)

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

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

(OR)

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