

(i) Printed Pages : 2

Roll No. 22057546

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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B.A./B.Sc. (General) 5th Semester
(2124)

COMPUTER SCIENCE

Paper : CS10 Relational Database Management System

Time Allowed : Three Hours]

[Maximum Marks : 30

Note :— Attempt **five** questions in all by selecting **one** question from each Unit. Entire question number **9** is compulsory.

UNIT—I

- (a) Describe various ways of using Alter Table command.

(b) Explain the use of Table level constraints applicable on a Table with examples. 3,3
- (a) Explain the syntax of select statement with various clauses.

(b) How is a Table deleted from a database ? Differentiate between deleting and truncating a Table. 3,3

UNIT—II

- (a) Explain the use Group by and Having clause with examples.

(b) Explain the use of any three Numeric functions. 3,3
- (a) Explain the difference between Union and Minus Set operators with the help of examples.

(b) Explain the difference between Equi-Join and Outer Join with the help of examples. 3,3

[Turn over

UNIT—III

5. (a) What are the uses of a view ? Write commands to create and replace a view.
- (b) What is a Sequence ? How can you create or alter a Sequence ? 3,3
6. (a) Differentiate between System and Object Privileges. How are they granted and revoked ?
- (b) Explain the use and relevance of Commit and Rollback statements. 3,3

UNIT—IV

7. (a) What is PL/SQL ? Describe its main features.
- (b) Explain the working of while and for loop in PL/SQL with examples. 3,3
8. (a) Explain the use of Procedures in PL/SQL with examples.
- (b) Explain the use of Before and After Triggers with examples. 3,3

(Compulsory Question)

9. Write short answers :
- (a) Why is SQL called Fourth Generation Language (4GL) ?
- (b) How is a String converted to date in a database ?
- (c) Explain the use of NVL () function.
- (d) What are the advantages of using a Subprogram ?
- (e) How is a Trigger dropped in PL/SQL ?
- (f) Can a SQL be written with in PL/SQL code, if yes, how ? 6