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

(2122)

COMPUTER SCIENCE

Paper—CS10 Relational Database Management System

Time Allowed : Three Hours]   **[Maximum Marks : 30**

Note :— Attempt **ONE** question each from Sections A to D. Question No. **9** (Section E) is compulsory. All questions carry equal marks.

SECTION—A

1. What do you mean by SQL ? Explain the difference between Update and Alter command with examples.   6

2. What is DDL and DML ? Explain two commands of each with proper syntax.   6

SECTION—B

3. What do you mean by Join ? Describe different types of joins with suitable examples.   6

4. What is function ? Write down the use of string and date functions in SQL.   6

SECTION—C

5. What do you understand by data security ? Explain the role of GRANT and REVOKE in data security.   6

6. What do you mean by Index ? How can you create and drop index in SQL ?   6

SECTION—D

7. Define Trigger. Write a program in PL/SQL to illustrate the concept of Trigger.   6

8. What do you mean by PL/SQL ? Explain the architecture of PL/SQL.   6

SECTION—E

(Compulsory Question)

9. Write short notes on the following :—

   (a) INSERT command.   1

   (b) SELECT command.   1

   (c) Group by.   1

   (d) Inline views.   1

   (e) Triggers.   1

   (f) ROLLBACK.   1