

7. What is PL/SQL ? How is it different from SQL ? Write a PL/SQL block to find factorial of a number.
8. Write short notes on the following:
 - (A) Exception handling in PL/SQL.
 - (B) Conditional control in PL/SQL.

Exam. Code : 103204
Subject Code: 1090

B.A./B.Sc. 4th Semester

COMPUTER APPLICATIONS

(Relational Database Management Systems & Oracle)

Time Allowed—2 Hours]

[Maximum Marks—75

Note :— There are **eight** questions for equal marks. Candidate are required to attempt any **four** questions.

1. (A) Explain Relational Database management systems (RDBMS) in detail.
(B) Discuss Twelve Codd's Rule for RDBMS.
2. What is Normal Form ? Explain three types of normalization in RDBMS.
3. What are different statements under DDL, DML, DCL ? Explain any three of all its types with suitable example.
4. What is Structured Query language (SQL) and why is it important ? Explain how table is created, deleted and its values can be sorted with help of an example.
5. (A) What are aggregate functions ? Explain any four with the help of suitable examples.
(B) What is the difference between 'HAVING' CLAUSE and a 'WHERE' CLAUSE ?
6. What are Arithmetic functions ? Explain with the help of suitable examples.