2021
B.A./B.Sc. (General) Fifth Semester
Computer Science
CS-10: Relational Database Management System

Time allowed: 3 Hours

Max. Marks: 30

NOTE: *Attempt five questions in all, including Question No. IX (Unit-V) which is compulsory and selecting one question each from Unit I - IV.*

x-x-x

UNIT – I

I. Describe SQL commands along with its major category DDL and DML with minimum 5 commands of each type. (6)

II. Explain the relevance of column level constraints, table level constraints, primary constraints and foreign key constraints with example. (6)

UNIT – II

III. Discuss various arithmetic and logical operators available in SQL. Write note on aggregate and date functions. (6)

IV. Explain Union, Intersect and Minus operator in SQL with example of each type. (6)

UNIT – III

V. Write rules of DML statements on Join views, Inline View and materialized views. (6)

VI. What do you understand by and Index. Write about its creation types and dropping an index. (6)

UNIT – IV

VII. Describe the features, advantages and Block structure-of PL/SQL. Write note on PL / SQL data types. (6)

VIII. Explain various conditional controls available in PL/SQL. Write a PL/SQL code to show significance of cursors. (6)

UNIT – V

IX. Answer the following:_
   a) What is conditional viewing of data?
   b) Define the check Constraints.
   c) Explain Grant command with example.
   d) Write significance of Commit and Rollback.
   e) Define exceptional handling and its use in PL/SQL.
   f) What is the significance of triggers in PL/SQL? (6x1)

x-x-x