B. C.A (Part -II) (Semester - IV) (CBCS) Examination
Oct. /Nov. – 2023

College Name: - Kamala College, Kolhapur

Subject Name:-Relational Database Management System (RDBMS)

Subject Code: 83381   **Total Marks: 70**

Day and Date: - Tuesday, 28/11/2023   **Period: 3 hours**

Time   : 02.30 pm. To 05.30 pm.   **Total pages: 3**

Instructions
1) Figures to the right indicate full marks
2) Q.1 & Q.6 are compulsory and attempt any three from Q.2 to Q.5

Q. 1   20

A) Multiple Choice Question   [10]

1) Which data manipulation command is used to combines the records from one or more tables?
   a) select   b) Product
   c) join   d) Project

2) Which of the following is not an aggregate function command
   a) sum()   b) avg()
   c) Max()   d) num()

3) DDL stands for---------------
   a) Data Definition Language   b) Data Derived Language
   c) Database Definition Language   d) Database Display Language

4) Which one of the following command is used to delete the existing row in a table?
   a) Delete   b) Update
   c) Insert   d) None of these

5) A command that allows to change the field size, name or data type is.
   a) Insert   b) Update
   c) Alter   d) Delete

6) Which of the following statement is true?
   a) TRUNCATE free the table space while DELETE does not.
   b) Both TRUNCATE and DELETE statements free the table's space.
   c) Both TRUNCATE and DELETE statement does not free the table's space.
   d) DELETE free the table space while TRUNCATE does not.

7) Which of the following is true about the HAVING clause?
   a) Similar to the WHERE clause but is used for columns rather than groups.
   b) Similar to WHERE clause but is used for rows rather than columns.
   c) Similar to WHERE clause but is used for groups rather than rows.
   d) Acts exactly like a WHERE clause.

8) To see all the databases which command is used?
   a) show all databases;   b) show database;
   c) show;   d) show databases();

9) Referential integrity is directly related to-
   a) Primary Key   b) Foreign Key
   c) Unique Key   d) Relational Key

10) SQL Views are also known as
   a) Simple table   b) Actual Table
   c) complex table   d) Virtual Table

B) Short Answer Question (Any 2 out of 3)   [10]

   1) Difference between SubQuery and Correlated Query

   2) Outer Join

   3) Aggregate functions.

Q. 2 What is RDBMS? Explain difference between DBMS & RDBMS.   10

Q. 3 Explain the different maths functions used in RDBMS.   10

Q. 4 What is Cursor explain how to work with it?   10

Q. 5 Explain DML SQL Command in detail   10

Q. 6 Write short notes. (Any four out of six)   20

  1) Creating Database and Table

  2) Relational Algebra.

  3) Order By and Group By clause.

  4) Primary Key and Foreign Key.

  5) Case statements in MySQL.

  6) While loop.