Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

PGDCA (2017 & Onwards) (Sem.–1)
RELATIONAL DATABASE MANAGEMENT SYSTEM
Subject Code : PDCA-104
M.Code : 50504

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
  1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
  2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
  3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1.   Answer briefly :

      a) What do you mean by 'Primary Key'?

      b) Which data type is used to represent data and time in SQL?

      c) Difference between CHAR and VARCHAR in SQL.

      d) Which command is used to construct the table?

      e) Write the SQL command to create a simple index.

      f) Which operator is used to select data that is with in the range of values?

      g) Write the significance of LIKE operator.

      h) Write the command to modify the structure of the table.

      i) Write the full form of DDL.

      j) How the data from a table can be viewed in a sorted order?

SECTION-B

2. Discuss about the Arithmetic Operators and Logical operators used in RDBMS.

3. How the Views are created and altered in the relational database system?

4. Difference between DBMS and RDBMS.

5. Why JOIN operator is needed? Discuss its types.

6. Discuss about the Entity Relationship model in detail.

SECTION-C

7. What do you mean by 'Normalization'? Explain First Normal Form and Third Normal Form with example.

8. What is PL/SQL? Discuss the Generic Structure of PL/SQL block.

9. Write short notes on Database System Architecture.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.