Roll No. ⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚⬚ **Total No. of Pages : 02**

Total No. of Questions : 07

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B.Sc.(IT)   (Sem.–5)
RDBMS-II
Subject Code : BS-303
Paper ID : [B0418]

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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 SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.**

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SECTION-A

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1   **Write briefly :**

a) What is Primary Key and Candidate Key?

b) What is the UNIQUE Constraint? Give example.

c) How to Destroy a Table in SQL? Give example.

d) How we can sort data by using ORDER BY clause?

e) What is the advantage of CHECK constraint?

f) Give SQL Statement to alter a Table structure in SQL.

g) Differentiate between Database and Database Management System.

h) What is the use of Group By Clause give appropriate example to highlight the use?

i) What is the use of UNION and INTERSECT operator?

j) What is Sub-Query? Explain with example.

SECTION-B

2   Explain the architecture of DBMS in detail with diagram.   10

3   Explain various DML and DDL Commands with example.   10

4   a) What do you mean by VIEW? What are the advantages of VIEW?   5

      b) What is a INDEX? How Index is created in SQL? Give example.   5

5   Explain various scalar functions, data conversion Functions of SQL with example.   10

6   a) What is the difference between Function and procedure, explain?   5

      b) What is Trigger? What is the use of Database Triggers? Explain.   5

7   What do you mean by Cursor? Explain the various types of Cursors with example.   10