

1911000303020083
EXAMINATION OCTOBER 2024
BACHELOR OF SCIENCE (COMPUTER SCIENCE)
(NON-NEP) (THIRD SEMESTER)
COMPUTER SCIENCE PAPER - V (303-RDBMS- I)

[Time: As Per Schedule]

[Max. Marks : 50]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **BACHELOR OF SCIENCE (COMPUTER SCIENCE) (NON-NEP) (THIRD SEMESTER)**
 - b. Name of the Subject: **COMPUTER SCIENCE PAPER - V (303-RDBMS- I)**
 - c. Subject Code No: **1911000303020083**
2. Sketch neat and labelled diagram wherever necessary.
 3. Figures to the right indicate full marks of the question.
 4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer the following. (Any Seven)

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- 1) Define database.
- 2) What is primary key? How it is different from unique key?
- 3) Define entity. What is Weak entity?
- 4) What are data models?
- 5) What is the use on On Delete Cascade?
- 6) Why we use of Between in sql?
- 7) What is foreign key?
- 8) How to remove record from table?

Q.2 Answer the following

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- 1) Write detail note on advantages of RDBMS over file system.
- 2) Write a note on Database manager

OR

- 1) Explain functions of database administrator
- 2) Explain create table statement with example.

Q.3 Answer the following.

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- 1) Explain insert and update statement with example
- 2) Discuss operators.

OR

- 1) Explain Select statement with various options.
- 2) How to alter a table, explain with example?

Q.4 Answer the following. (Any two)

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- 1) Explain any three aggregate functions with example.
- 2) Draw an er- diagram for library management system.
- 3) Explain Group by with example.
- 4) Discuss mapping constraints.
