



RAN - 1911000303020083



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S. Y. B. Sc. (Comp. Sci.) (Sem. - III) Examination

March - 2023

Comp. Sci. : Paper - V

(303 : Relational Database Management System - I)

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **S. Y. B. Sc. (Comp. Sci.) (Sem. - III)**

Name of the Subject :

☛ **Comp. Sci. : Paper - V (303 : Relational Database Management System - I)**

Subject Code No.: **1911000303020083**

Seat No.:

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Student's Signature

(2) All questions are compulsory.

***O.M.R. Sheet ભરવા અંગેની અગત્યની સૂચનાઓ આપેલ
O.M.R. Sheetની પાછળ છાપેલ છે.
Important instructions to fillup O.M.R. Sheet
are given on back side of the provided O.M.R. Sheet.***

SET - 2

- Q. 1.** _____ express the number of entities to which another entity can be associated via a relationship set.
- a) Mapping constraints b) Logical constraints
c) Messaging Constraints d) None Of Above
- Q. 2.** Which of the following is creating the structure of the tables and removing of tables?
- a) DML(Data Manipulation Language)
b) Schema
c) Instance
d) DDL(Data Definition Language)
- Q. 3.** Collection of related information is called
- a) Database b) Table
c) Record d) None of the above
- Q. 4.** _____ used to identify row uniquely.
- a) Super key b) Primary key
c) Foreign key d) None of the above
- Q. 5.** Updates that violate _____ are not allowed.
- a) DDL b) DML
c) DCL d) Integrity constraints
- Q. 6.** In object oriented model values are stored into _____ variables.
- a) Global b) Instance
c) Static d) Local
- Q. 7.** Which of the following is single valued attribute?
- a) SPID b) Mobile number
c) city d) dob
- Q. 8.** _____ symbol is used to denote project operation in relational algebra.
- a) Ω b) $\mathbf{6}$
c) Π d) α
- Q. 9.** Which of the following data types does the SQL standard not support?
- a) Char b) Number
c) String d) Long

- Q. 28.** What will be the output of query : Select from employee where designation = 'manager';
- Error
 - Display records of all employee
 - Display records of employee who are managers
 - None of the above.
- Q. 29.** Create table employee (eno number ,fname varchar ,contact number) what type of statement is this?
- DML
 - DCL
 - DDL
 - all of the above
- Q. 30.** Which one of the following cannot be taken as a primary key?
- Emailid
 - Aadharno
 - SPID
 - All of the above
- Q. 31.** Attribute refers to _____ of the table.
- Record
 - Column
 - Tuple
 - Key
- Q. 32.** Rows of a relation are known as the _____.
- Degree
 - Tuples
 - Entity
 - All of the above
- Q. 33.** Select min(salary) from employee; display
- Minimum salary
 - Maximum salary
 - Average salary
 - None of the above
- Q. 34.** _____ used to calculate records.
- Sum
 - Max
 - Min
 - Count
- Q. 35.** Network model are complicated by the physicals keys but the relational model is _____?
- Faster because it uses logical keys
 - Faster because it uses physical keys
 - Slow because it uses logical keys
 - Slow because it uses physical keys

SPACE FOR ROUGH WORK