

# INT306: DATA BASE MANAGEMENT SYSTEM

## CONTINUOUS ASSESSMENT - I

MAX MARK: 30

DURATION: 30 MINTS

NO OF QUESTION: 15

NO NEGATIVE MARKING

NAME :

ROLL No:

1. A relational database consists of a collection of

- ☒ Tables    ☐ Fields    ☐ Records    ☐ Keys

2. A \_\_\_\_\_ in a table represents a relationship among a set of values.

- ☐ Column    ☐ Key    ☒ Row    ☐ Entry

3. Not a Part of ACID Properties of Data Base Transaction?

- ☐ Atomicity    ☐ Consistency    ☐ Isolation    ☒ Database

4. Which level of abstraction describes what data are stored in the database?

- ☐ Physical level    ☐ View level    ☐ Abstraction level    ☒ Logical level

5. Conceptual design

- ☐ Is a documentation technique.  
☐ Needs data volume and processing frequencies to determine the size of the database.  
☒ Involves modelling independent of the DBMS  
☐ Is designing the relational model.

6. Relational Algebra is

- ☒ DDL    ☐ Meta Language    ☐ Procedural query Language    ☐ None of the above

7. \_\_\_\_\_ produces the relation that has attributes of R1 and R2

- ☒ Union    ☐ Cartesian product    ☐ Difference    ☐ Intersection

8. which of the following is a unary operation?

- ☐ Intersection ☒ projection ☐ join ☐ cartesian Product

9. The \_\_\_\_ defines a set of operations on relations, paralleling the usual algebraic operations such as addition, subtraction or multiplication, which operates on numbers.

- ☐ Relational Calculas ☐ Referential Integrity ☒ Relational Algebra ☐ Relations

10. A tuple in relation DBMS is a equivalent to

- ☒ Record ☐ Field ☐ File ☐ Database

11. A set of possible data values is called

- ☐ Attribute ☐ Degree. ☐ Tuple ☒ Domain.

12. Database \_\_\_\_\_, which is the logical design of the database, and the database \_\_\_\_\_, which is a snapshot of the data in the database at a given instant in time.

- ☐ Instance, Schema ☐ Relation, Schema ☐ Relation, Domain ☒ Schema, Instance

13. Which one of the following provides the ability to query information from the database and to insert tuples into, delete tuples from, and modify tuples in the database ?

- ☒ DML ☐ DDL ☐ Query ☐ Relational Schema

14. Select \* from employee where dept\_name="Comp Sci";

In the SQL given above there is an error . Identify the error .

- ☐ Dept\_name ☐ Employeeeloyee ☒ "Comp Sci" ☐ where

15. To remove a relation from an SQL database, we use the \_\_\_\_\_ command.

- ☐ Delete ☐ Purge ☐ Remove ☒ Drop table

**ALL THE BEST**