1. Which of the following represent a relationship among a set of values?

**A. Row**

B. Table

C. Field

D. Column

2. Ensuring properties of atomicity and durability is responsibility of:

A. Data manager

**B. Recovery manager**

C. Transaction manager

D. Buffer manager

3. A Database Management System (DBMS) is:

A**. Collection of interrelated data**

B. Collection of programs to access data

C. Collection of data describing one particular enterprise

D. All of the above

4. Transaction manager consists of:

A. Concurrency control manager

B. Recovery manager

C. Queue manager

D. Both ‘A’ and ‘B’

5. Ensuring consistency among multiple transactions of database is

responsibility of:

A. Transaction manager

B. Concurrency control manager

C. Database manager

D. Queue manager

6. Which is the correct syntax for BETWEEN operator?

A. WHERE column\_name BETWEEN (value1 AND value2)

**B. WHERE column\_name BETWEEN value1 AND value2**

C. WHERE column\_name BETWEEN (value1, value2)

D. WHERE BETWEEN column\_name value1 AND value2

7. Which is the correct syntax for IN operator?

A. **WHERE column\_name IN (value1, value2, ...)**

B. WHERE column\_name IN value1 AND value2

C. WHERE column\_name IN (value1 AND value2, AND ...)

D. WHERE IN column\_name value1 AND value2 AND ...

8. Which operator will be used, if you want to print all names of a table starts

with 'A'?

**A. LIKE**

B. PATTERN

C. SIMILAR

D. =

9. The statement that is executed automatically by the system as a side effect of

the modification of the database is:

A. Backup

B. Assertion

C. Recovery

**D. Trigger**

10.Which of the following is NOT a characteristic of a relational database

model?

A. Table

**B. Tree like structure**

C. Complex logical relationship

D. Records

11.Union operator is a :

A. Unary Operator

B. Ternary Operator

**C. Binary Operator**

D. Not an operator

12.Which normal form is considered adequate for normal relational database

design?

A. 2NF

B. 5NF

C. 4NF

**D. 3NF**

13.Databases overall structure is maintained in a file called:

A. Redolog file

B. Data file

**C. Control file**

D. File only

14.The data manipulation language statements are:

A. Insert

B. Update

C. Select

**D. All of the above**

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

**A. Delete**

B. Purge

C. Remove

D. Drop table

16.Which of the Sql statement is correct?

A. Select name, address and phone\_number from home ;

**B. Select name, address, phone\_number from home;**

C. Select name address, phone\_number where name=’XYZ’;

D. None of the above

17. \_\_\_\_\_\_ allow us to identify uniquely a tuple in the relation.

**A. Super key**

B. Domain

C. Attribute

D. Schema

18.Minimal super keys are called:

A. Schema keys

**B. Candidate keys**

C. Domain keys

D. Attribute keys

19.Which of the following is NOT modification of the database?

A. Deletion

B. Insertion

**C. Sorting**

D. Updating

20.Which of the following in NOT an outer join? // qs mistake all of them are outer join

A. Left outer join

B. Right outer join

C. Full outer join

**D. All of the above**

21.Which of the following relational algebra operations do NOT require the

participating tables to be union-compatible?

A. Union

B. Intersection

C. Difference

**D. Join**

22.Which of the following is NOT a property of transactions?

A. Atomicity

**B. Concurrency**

C. Isolation

D. Durability

23.Relational Algebra does NOT have:

A. Selection operator

B. Projection operator

**C. Aggregation operators**

D. Division operator

24.Checkpoints are a part of:

**A. Recovery measures**

B. Security measures

C. Concurrency measures

D. Authorization measures

25.Tree structures are used to store data in:

A. Network model

B. Relational model

**C. Hierarchical model**

D. File based system

26.The language that requires a user to specify the data to be retrieved without

specifying exactly how to get it is:

A. Procedural DML

**B. Non-Procedural DML**

C. Procedural DDL

D. Non-Procedural DDL

27.Which of the following is NOT a level of data abstraction?

A. Physical Level

**B. Critical Level**

C. Logical Level

D. View Level

28.Disadvantages of File systems to store data is:

A. Data redundancy and inconsistency

B. Difficulty in accessing data

C. Data isolation

**D. All of the above**

29.In an Entity-Relationship Diagram Rectangles represents:

**A. Entity sets**

B. Attributes

C. Database

D. Tables

30.Which of the following is relation-algebra operation?

A. Select

B. Union

C. Rename

**D. All of the above**