

Data Base Quiz Number I

Solve all the following 30 questions in 10 Minutes (Each Question carries 1 mark):

Choose the correct or the best alternative in the following questions:

1. A RDBMS consists a collection of?

- A. Tables
- B. Fields
- C. Records
- D. Keys

Ans.: A

2. In relational model, the row of table is known to be?

- A. Relation
- B. Entity field
- C. Tuple
- D. Attribute

Ans.: C

3. The relational model is concerned with?

- A. Data structure and Data integrity
- B. Data Manipulation
- C. Both A and B
- D. None of these

Ans.: C

4. The union of primary keys of the related entity sets becomes a ----- of the relation?

- A. Super Key
- B. Candidate key
- C. Foreign key
- D. Primary key

Ans.: A

5. In a relational Database a referential integrity constraint cab be specified with the help of;

- A. Primary Key
- B. Secondary key
- C. Foreign key
- D. None of these

Ans.: C

6. Query language is a language in which a user?

- A. Requests
- B. Stores
- C. Response
- D. Represents

Ans.: A

7. A table is a collection of relationships, there is a close correspondence between concepts of:

- A. Tables and instances
- B. Table and variables
- C. Tables and relations
- D. Tables and Entries

Ans.: C

8. Query languages used in practice includes

- A. Elements
- B. Instances
- C. Tuples
- D. Fields

Ans.: A

9. A domain is atomic if elements of the domain are considered to be _____ Units.

- A. Different
- B. Indivisible
- C. Constant
- D. Divisible

Ans.: B

10. The _____ operation performs a set union of two “similarly structured” tables:

- A. Intersect
- B. Product
- C. Union
- D. Join

Ans.: C

11. The _____ operation allows the combining of two relations by merging pairs of tuples, one from each relation, into a single tuple.

- A. Select
- B. Intersection
- C. Union
- D. Join

Ans.: D

12. **SELECT * FROM** employee **WHERE** dept_name="Comp Sci";

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

- A. Dept. _name
- B. Employee
- C. “Comp Sci”
- D. From

Ans.: C

13. ' _ _ ' matches any string of _____ three characters. ' _ _ _ % ' matches any string of at _____ three characters.

- A. At least, Exactly
- B. Exactly, At least
- C. At least, All
- D. All, Exactly

Ans.: B

14.

SELECT *

FROM instructor

ORDER BY salary ____, name ____;

To display the salary from greater to smaller and name in ascending order which of the following options should be used?

- A. Ascending, Descending
- B. Asc, Desc
- C. Desc, Asc
- D. Descending, Ascending

Ans.: C

15.

SELECT instructor.*

FROM instructor, teaches

WHERE instructor.ID= teaches.ID;

This query does which of the following operation?

- A. All attributes of instructor and teaches are selected
- B. All attributes of instructor are selected on the given condition
- C. All attributes of teaches are selected on given condition
- D. Only the some attributes from instructed and teaches are selected

Ans.: B

16. ____ operator is used for appending two strings.

- A. &
- B. %
- C. ||
- D. _

Ans.: C

17. For select operation the _____ appear in the subscript and the _____ argument appears in the parenthesis after the sigma.

- A. Predicates, relation
- B. Relation, Predicates
- C. Operation, Predicates
- D. Relation, Operation

Ans.: A

18. The _____ operation, denoted by $-$, allows us to find tuples that are in one relation but are not in another.

- A. Union
- B. Set-difference
- C. Difference
- D. Intersection

Ans.: B

19. Which of the following is not outer join?

- A. Left outer join
- B. Right outer join
- C. Full outer join
- D. All of the mentioned

Ans.: D

20. The intersection operator is used to get the _____ tuples.

- A. Different
- B. Common
- C. All
- D. Repeating

Ans.: B

21. _____ clause is an additional filter that is applied to the result.

- A. Select
- B. Group-by
- C. Having
- D. Order by

Ans.: C

True/False Questions

22. A database is called "self-describing" because it contains a description of itself.

Ans.: True

23. In a database, data is stored in spreadsheets which have rows and columns.

Ans.: False

24. A database has data and relationships.

Ans.: True

25. One of the reasons why OODBMSs have not been widely used for business information systems is that OOP is obsolete.

Ans.: False

26. In an enterprise-class database system, business users interact directly with database applications, which directly access the database data.

Ans.: False

27. Applications are programs that interact directly with the database.

Ans.: False

28. The purpose of a database is to help people stop using spreadsheets.

Ans.: False

29. Microsoft Access is an enterprise-class database product.

Ans.: False

30. Structured Query Language (SQL) is an internationally recognized standard language that is understood by all commercial database management system products.

Ans.: True