1. An advantage of the database management approach is

Answers

1. Data is dependent on programs

2. Data redundancy increases.

3. **Data is integrated and can be accessed by multiple programs.**

4. None of the above

2. Considering the relational database, the functional dependency between two attributes A and B is denoted by

Answers

1. $A \rightarrow B$

2. $B \leftarrow A$

3. $AB \rightarrow R$

4. $R \leftarrow AB$

3. When three or more AND and OR conditions are combined, it is easier to use the SQL keyword(s)

Answers

1. NOT IN only.

2. LIKE only.

3. IN only.

4. Both IN and NOT IN.

4. To specify the number of records to return, which keyword is used

Answers

1. LIMIT

2. TOP

3. START

4. ROW

5. Key to represent relationship between tables is called

Answers

1. Primary key

2. Secondary Key

3. Foreign Key

4. None of the above

6. If one attribute is determinant of second, which in turn is determinant of third, then the relation cannot be

Answers

1. Well-structured

2. 1NF

3. 2NF

4. 3NF

7. If emp_id contain the following set {9, 7, 6, 4, 3, 1, 2},
what will be the output on execution of the following MySQL command?
SELECT emp_id
FROM person
ORDER BY emp_id ASC;

Answers

1. {9, 7, 6, 4, 3, 1, 2}

2. {1, 2, 3, 4, 6, 7, 9}

3. {2, 1, 3, 4, 6, 7, 9}

4. None of the above

8. What is true regarding NULL value requirements confirming to Codd rule?

Answers

1. Null value should be zero.

2. Null value should be space.

3. Null value should represent missing information

4. None of the above.

9. The form of data model in which the concepts provided are useful for end users and are also close to the way it is stored in computer system is called

Answers

1. representational data models

2. implementation data models

3. clientele data models

4. both representational and implementation data models

10. What is true regarding correlated query?

Answers

1. If the output of a subquery is depending on column values of the parent query table then the query is called Correlated Subquery.

2. A subquery is called inner query which returns output that is to be used by another query.

3. Subquery within another subquery is called as Corelated Subquery.

4. None of the above

11. You can perform ...... operation(s) on SQL Views.

Answers

1. Select

2. Filter

3. Sort

4. All of the above

12. You can update a view by using the following syntax

Answers

1. CREATE OR UPDATE VIEW view_name AS SELECT column_name(s) FROM table_name WHERE condition

2. UPDATE OR REPLACE VIEW view_name AS SELECT column_name(s) FROM table_name WHERE condition

3. CREATE OR REPLACE VIEW view_name AS SELECT column_name(s) FROM table_name WHERE condition

4. CREATE OR REPLACE VIEW AS SELECT column_name(s) FROM table_name WHERE condition

13. Which of the following is not true regarding Indexes?

Answers

1. Index can be defined even when there is no data in the table

2. It can be created using 'Create Index' statement

3. It support Range selections

4. It can not be created on composite attributes

14. To maintain materialized views, we can use

Answers

1. Triggers

2. Pointers

3. Clone objects

4. Cascading

15. Point out the wrong statement

Answers

1. Non Relational databases require that schemas be defined before you can add data

2. NoSQL databases are built to allow the insertion of data without a predefined schema

3. NewSQL databases are built to allow the insertion of data without a predefined schema

4. All of the above

16. From the following which index is created by MongoDB for every collection ?

Answers

1. _id collection

2. id_collabration

3. id_collection

4. None of Above

17. MongoDB provides the following methods to insert documents into a collection

Answers

1. db.collection.insert()

2. db.collection.insertOne()

3. db.collection.insertMany()

4. All of the above

18. The database system which supports the majority of concurrent users is classified as

Answers

1. multiuser system

2. multi-function system

3. multi transaction system

4. client and disk server system

19. What will be the result of the following MySQL command?
WHERE end_date IS NULL
AND NOT (title='teller' OR start_date < '2007-01-01')

Answers

1. The result set contains non terminated employees who both are non tellers and started working for the bank from 2007 or later

2. The result set contains employees who both are tellers and started working for the bank in 2007 or later

3. The result set contains employees who are only tellers

4. All of the above

20. What will be the output of the following MySQL statement?
SELECT account_id, product_id, cust_id
FROM account
WHERE product_id IN ('sav', 'chd', 'mm');

Answers

1. Only those values are selected whose product_id is either 'sav', 'chd', 'mm'

2. Only those values are selected whose product_id is either 'sav''

3. Only those values are selected whose product_id is either 'sav', 'chd'

4. All of the above

21. Consider a Table name "Sunbeam" whose attributes are intern_id (primary key), subject.
Intern_id = {1, 2, 3, 4, 5, 6}
Subject = {sql, oop, sql, oop, c, c++}
If these are one to one relation then what will be the output of the following MySQL statement?
SELECT intern_id
FROM Sunbeam
WHERE subject IN (c, c++);

Answers

1. {5, 6}

2. {1, 2, 3}

3. {3, 4}

4. None of the above

22. Which of these is also known as a virtual table?

Answers

1. SCHEMA

2. DATABASE

3. JOIN

4. VIEW

23. A view can be deleted using the command _____

Answers

1. REMOVE

2. DELETE

3. CLEAR

4. DROP

24. The join in which all the rows from the right table appear in the output irrespective of the content of the other table is

Answers

1. CARTESIAN JOIN

2. CROSS JOIN

3. INNER JOIN

4. RIGHT JOIN

25. A _____ is a special kind of a store procedure that executes in response to certain action on the table like insertion, deletion or updation of data.

Answers

1. Procedures

2. Triggers

3. Functions

4. None of the above

26. If each tuple have relation R within it then this type of relation is classified as

Answers

1. primary relation

2. prime relation

3. nested relation

4. atomic relation

27. What does below SQL statement describe?
SELECT CustomerName, Address , City, Country AS Address FROM Customers;

Answers

1. Alias named Address column will be created and under this Address, City and Country will be printed as combined statement.

2. Alias named Address will be created for Country columns

3. Alias named Address column will be created and under this all CustomerName, address, city and country will be printed as combined statement

4. None of the above

28. MongoDB stores all documents in _____

Answers

1. tables

2. collections

3. rows

4. All of the above

29. Which of the following method returns one document?

Answers

1. findOne()

2. findOne1()

3. selectOne()

4. all of the above

30. The facility that allows nesting one select statement into another is _____

Answers

1. nesting

2. binding

3. subquerying

4. encapsulating

31. Which of the following is the correct format for if statement?

Answers

1. If boolean expression then statement or compound statement elseif boolean expression then statement or compound statement else statement or compound statement end if

2. If boolean expression then statement or compound statement elsif boolean expression then statement or compound statement else statement or compound statement end if

3. If boolean expression then statement or compound statement elif boolean expression then statement or compound statement else statement or compound statement end if

4. If boolean expression then statement or compound statement else statement or compound statement else statement or compound statement end if

32. A stored procedure in SQL is a_____

Answers

1. Block of functions

2. Group of Transact-SQL statements compiled into a single execution plan.

3. Group of distinct SQL statements.

4. None of the above

33. The CREATE TRIGGER statement is used to create the trigger. THE _____ clause specifies the table name on which the trigger is to be attached. The _____ specifies that this is an AFTER INSERT trigger.

Answers

1. for insert, on

2. On, for insert

3. For, insert

4. None of the above

34. Which join refers to join records from the right table that have no matching key in the left table are include in the result set:

Answers

1. Left outer join

2. Right outer join

3. Full outer join

4. Half outer join

35. If we want to retain all duplicates, we must write _____ in place of union.

Answers

1. Union all

2. Union some

3. Intersect all

4. Intersect some

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

Answers

1. Different

2. Common

3. All

4. Repeating

37. The _____ is essentially used to search for patterns in target string.

Answers

1. Like Predicate

2. Null Predicate

3. In Predicate

4. Out Predicate

38. SELECT * FROM course WHERE course_name="DAC"; In the SQL given above there is an error . Identify the error.

Answers

1. Dept_name

2. "DAC"

3. Employee

4. From

39. MongoDB supports CRUD operation:

Answers

1. Create

2. Read

3. Update

4. All of above

40. A trigger can execute the COMMIT, ROLLBACK, or SAVEPOINT commands.

Answers

1. true

2. false