

Question # 1


Which of the following is a wrong statement?

Choose the best option

- ☐ MySQL cursor is by default asensitive.
- ☒ An insensitive cursor performs faster than an asensitive cursor.
- ☐ MySQL cursor is read-only.
- ☐ MySQL cursor is non-scrollable.

Question # 2

Which index maintenance task discards the entire index and recreates it?

 Revisit

Choose the best option

- ☐ Refresh
- ☐ Remake
- ☐ Reorganize
- ☒ Rebuild

Question # 3

Which of the following is a wrong statement?

Choose the best option

- ☐ MySQL removes the temporary table automatically when the session ends or the connection is terminated.
- ☐ A temporary table is only available and accessible to the client that creates it.
- ☐ A temporary table can have the same name as a normal table in a database.
- ☒ MySQL does not support Temporary Table.

Question # 4

Which of the following is a wrong statement?

Choose the best option

- ☐ WITH CHECK OPTION in view is applicable only for updatable views
- ☐ Different views can be created on the same table for different users.
- ☐ A view can hide the complexity that exists in a multiple table join.
- ☒ We cannot use WITH CHECK OPTION while creating a view.

Question # 5


What is a complex view?

Choose the best option

- ☐ A view that is created from only one table
- ☒ A view that is created from more than one table
- ☐ A view that does not contain groups of data
- ☐ A view that is used to update the data in the tables used to create the view.

Question # 6

In MySQL if you would like to throw your own exceptions, you can do so by changing SQLSTATE using _____ keyword.

 Revisit

Choose the best option

- ☒ SIGNAL
- ☐ SQLEXCEPTION
- ☐ DECLARE
- ☐ END

Question # 7

What is the difference between a PRIMARY KEY and a UNIQUE KEY?

Choose the best option

- ☐ Primary key can store null value, whereas a unique key cannot store null value.
- ☒ Primary key has unique and not null values, whereas a unique key has only unique values.
- ☐ Primary key cannot be a date variable whereas unique key can be.
- ☐ Primary key has unique values whereas a unique key has unique and not null values.

Question # 8

Revisit

Which of the following function returns the current date and time?

Choose the best option

- ☒ CURRENT_TIMESTAMP
- ☐ TIMESTAMP
- ☐ CURDATE
- ☐ CURTS

Question # 9

Choose the best option

Identify the correct statement from the following:

- ☐ LIKE clause can work with only one operator %
- ☐ LIKE clause cannot work with operator _
- ☒ LIKE clause can work with two operators % and _
- ☐ LIKE clause can work with two operators % and ?

Question # 10

Revisit

The names of columns can be altered in a query's results by using the _____ keyword.

Choose the best option

- ☐ NAMED
- ☐ RENAME
- ☐ ALIAS
- ☒ AS

Question # 11

Revisit


How many Primary keys can we have in a MySQL table?

Choose the best option

- ☒ Only 1
- ☐ Only 2
- ☐ Depends on no of Columns
- ☐ Depends on DBA

Question # 12

Which of the following is the correct IF statement syntax?


 Revisit

Choose the best option

- ☐ IF boolean_expression
 { statement_block }
FI
- ☐ IF boolean_expression
 START
 { statement_block }
 END
- ☐ IF boolean_expression
 BEGIN
 { statement_block }
 END
- ☐ IF boolean_expression
 START
 { statement_block }
FI

Question # 13

To get all the rows that are common in both tables based on the condition specified, use _____.

 Revisit

Choose the best option

- ☐ Self Join
- ☒ Inner Join
- ☐ Outer Join
- ☐ Full Join

Question # 14

Which of the following is a wrong statement?

Choose the best option

- ☐ When compared to relational databases, NoSQL databases are more scalable and provide superior performance.
- ☐ Non-Relational databases require that schemas be defined before you can add data
- ☒ NoSQL databases are built to allow the insertion of data with a predefined schema
- ☐ SQL Server is a type of NoSQL Database.

Question # 15

Revisit

For which of the following MYSQL triggers are not supported?

Choose the best option

- ☐ delete
- ☐ update
- ☐ insert
- ☒ views

Question # 16

Choose the best option

Which of these tasks can you accomplish using SQL as a DML?

- ☒ Inserting a record into a table
- ☐ Deleting the database
- ☐ Allowing a new user access to read data from a table
- ☐ Removing a column from a table

Question # 17

Revisit

Which of the below is not a valid TCL command?

Choose the best option

- ☐ SAVEPOINT
- ☐ COMMIT
- ☐ ROLLBACK
- ☒ REVOKE

Question # 18

Revisit


How can a constraint be placed on a table where a field will contain the value "Rohan" if nothing is provided?

Choose the best option

- ☐ CREATE TABLE People (FirstName TEXT CONSTRAINT 'Rohan', address TEXT, city TEXT);
- ☒ CREATE TABLE People (FirstName TEXT DEFAULT 'Rohan', address TEXT, city TEXT);
- ☐ CREATE TABLE People (FirstName TEXT DEFAULT ('Rohan'), address TEXT, city TEXT);
- ☐ CREATE TABLE People (FirstName TEXT DEFAULT = 'Rohan', address TEXT, city TEXT);

Question # 19

Which syntax is followed by MySQL for stored routines?


 Revisit

Choose the best option

- ☐ SQL: 2000
- ☒ SQL: 2003
- ☐ SQL: 2005
- ☐ SQL: 2008

Question # 20

Which column attribute enables the generation of sequential numbers automatically for identification?

 Revisit

Choose the best option

- ☒ AUTO_INCREMENT
- ☐ UNSIGNED
- ☐ IDENTIFY
- ☐ DESCRIBE

Question # 21

Which of the following is a wrong statement?

Choose the best option

- ☐ In MongoDB, field names cannot start with the dollar sign (\$) character
- ☒ In MongoDB, field names cannot contain dot(.) character.
- ☐ BSON documents cannot have more than one field with the same name.
- ☐ BSON is a serialization format encoding format for JSON

Question # 22


Identify the wrong statement from the following:

Choose the best option

- ☐ Primary Key cannot hold NULL values
- ☒ Unique Key can hold NULL values
- ☐ A Primary Key in a table can be referred to as a Foreign Key in another table.
- ☐ One or more fields can be declared as a unique Key.

Question # 23

Which of the below is not a MySQL Storage Engine?

 Revisit

Choose the best option

- ☐ MyISAM
- ☐ InnoDB
- ☐ CSV
- ☒ FEDERAL

Question # 24

Revisit

A query that is executed inside of another query is called a _____.

Choose the best option

- ☐ Embedded Query
- ☒ Subquery
- ☐ Secondary Query
- ☐ Join Query

Question # 25

Revisit

What does "OPEN cursor_name" Statement would do when working with cursors in MySQL (cursor_name is any string value eg : OPEN rowsToProcess)

Choose the best option

- ☒ Opens a previously declared cursor
- ☐ Fetches the next row for the SELECT statement associated with the specified cursor
- ☐ Declares a cursor
- ☐ Closes a cursor

Question # 26

Revisit

When you use SQL statements to create or modify the structure of a database, SQL is being used as:

Choose the best option

- ☐ a Data Manipulation Language (DML)
- ☐ a Database Management Solution (DBMS)
- ☒ a Data Definition Language (DDL)
- ☐ a Data Control Language (DCL)

Question # 27

Revisit

Which of the following command is used to insert data into collection in MongoDB?

Choose the best option

- ☐ db.COLLECTION_NAME.update(document)
- ☒ db.COLLECTION_NAME.insert(document)
- ☐ db.COLLECTION_NAME.create(document)
- ☐ db.COLLECTION_NAME.insertOne(document)

Question # 28

Revisit

When you use an aggregate function without a groupby clause, how many results do you expect?

Choose the best option

- ☒ One
- ☐ Two
- ☐ Zero
- ☐ All the records in a table

Question # 29

Two tables are defined as table1 and table 2 below:

id	upperbirth
0	S0
1	S1

id	lowerbirth
1	B0
2	B1


What will the output when the below query is executed?
`SELECT table1.upperbirth, table2.lowerbirth`

Choose the best option

- ☐ upperbirth lowerbirth
S1 B0
- ☐ upperbirth lowerbirth
S0 NULL
S1 B0
- ☐ upperbirth lowerbirth
0 S0
2 B1
- ☐ upperbirth lowerbirth
S1 B0
NULL B1

Question # 30

Which operator is used to test whether or not a value lies within a specified range?


 Revisit

Choose the best option

- ☐ LIKE
- ☒ BETWEEN
- ☐ IN
- ☐ FOR

Question # 31

A relation is said to be in _____ if, it is in 2NF and no transition dependency exists.


 Revisit

Choose the best option

- ☐ BCNF
- ☒ 3NF
- ☐ 1NF
- ☐ 5NF

Question # 32

Which of the following is not a NoSQL database?

 Revisit

Choose the best option

- ☒ SQL Server
- ☐ MongoDB
- ☐ Cassandra
- ☐ Hbase

Question # 33

How are transactions handled within a database?

Choose the best option

- ☐ Failed operations are ignored, and the transaction continues with the successful operations.
- ☐ If any of the operations fails, then those operations are flagged for review at the end of the transaction.
- ☐ If any of the operations fails, then the entire group of operations is deleted from the database.
- ☒ If any of the operations fails, then the entire group of operations fail.

Question # 34

To iterate the cursor and return more documents, which of the following keyword in the mongo shell would we type?

Revisit

Choose the best option

- ☐ cursor
- ☒ it
- ☐ next
- ☐ more

Question # 35

The standard user and application program interface (API) of a relational database is the _____.

Revisit

Choose the best option

- ☒ Structured Query Language
- ☐ Sequential Query Language
- ☐ Relational Query Language
- ☐ Standard Query Language

Question # 36

Which of the following is a wrong statement?

Choose the best option

- ☐ A subquery can be nested within another subquery.
- ☐ We can use subquery in clauses such as SELECT, INSERT, UPDATE, DELETE.
- ☐ A MySQL subquery is called an inner query while the query that contains the subquery is called an outer query.
- ☒ A subquery cannot return more than one value.

Question # 37

What is the purpose of a foreign key?

Choose the best option

- ☐ Foreign keys are the unique identifier for a table.
- ☒ Foreign keys refer to the primary key in another table to link the two tables together.
- ☐ Foreign keys refer to a foreign key in another table to link the two tables together.
- ☐ Foreign keys are used to update a row in a table.

Question # 38

What is the latest SQL server version?

Revisit

Choose the best option

- ☐ SQL Server 2021
- ☐ SQL Server 2020
- ☐ SQL Server 2022
- ☒ SQL Server 2019

Question # 39

Which code returns the only columns pgdac, pgdbda, and pgdesd from the cdac table?

Revisit

Choose the best option

- ☒ SELECT pgdac, pgdbda, pgdesd FROM cdac;
- ☐ SELECT pgdacpgdbdapgdesd FROM cdac;
- ☐ SELECT * FROM cdacpgdac, pgdbda, pgdesd;
- ☐ SELECT *, pgdac, pgdbda, pgdesd FROM cdac;

Question # 40

Identify the correct statement from the following:

Choose the best option

- ☐ We cannot use where clause with DELETE command.
- ☒ TRUNCATE command delete all rows of a table in one go.
- ☐ DELETE command is comparatively faster than TRUNCATE command.
- ☐ In case of DROP statement, we can restore the table using ROLLBACK statement.