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

⟳ Revisit

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

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

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

✅ Revisit

Choose the best option

○ CURRENT_TIMESTAMP

○ TIMESTAMP

○ CURDATE

○ CURTS

Question # 9

Identify the correct statement from the following:

Choose the best option

○ 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

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

✅ Revisit

Choose the best option

○ NAMED

○ RENAME

○ ALIAS

○ AS

Question # 11

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

✅ Revisit

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

↻ Revisit

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

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

Choose the best option

For which of the following MYSQL triggers are not supported?

○ 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

Choose the best option

Which of the below is not a valid TCL command?

○ 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, filed 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

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

⟳ Revisit

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:

table1

id	upperbirth
0	S0
1	S1

table2

id	lowerbirth
1	B0
2	B1

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

- ○
upperbirth	lowerbirth
S1	B0

- ○
upperbirth	lowerbirth
S0	NULL
S1	B0

- ○
upperbirth	lowerbirth
0	S0
2	B1

- ○
upperbirth	lowerbirth
S1	B0
NULL	B1

Question # 30

↻ Revisit

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

Choose the best option

- ○ LIKE
- ○ BETWEEN
- ○ IN
- ○ FOR

Question # 31

↻ Revisit

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

Choose the best option

- ○ BCNF
- ○ 3NF
- ○ 1NF
- ○ 5NF

Question # 32

↻ Revisit

Which of the following is not a NoSQL database?

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

↻ Revisit

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

Choose the best option

○ cursor

○ it

○ next

○ more

Question # 35

↻ Revisit

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

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.