Q1 WHAT IS RDBMS

ANS

It stands for relational database management system,it is based on the relational model and here the data would be stored in the form of table

Q2 WHAT IS SQL

ANS

It stands for structured query language,which is used to interact with the database.it can be used to store,retrive data stored in the relational database

Q3 WRITE SQL COMMANDS

Ans

The list of sql commands are as follows

* Insert into
* Update
* Delete
* Create database
* Select
* Create table
* Etc

Q4,5 WHAT IS JOIN//TYPES OF JOINS

ANS

Join is a clause which is used to merge data of two or more table in database.the types of join are,

* Inner join
* Left join
* Full join
* Right join

Q6 LIST AND DESCRIBE CONSTRAINTS

ANS

TYPES OF CONSTRAINTS

* NOT NULL

It is a rule which prevents null values from being entered in table

* UNIQUE CONSTRAINT

It is also known as unique key, it is a rule that forbids duplicate values in one or more column within table

* PRIMARY KEY

It is used to identify each row/record in table and it describe the relationship within the tables

* FOREIGN KEY

Uniquely identifies row/record in another databse table

Q7 DBMS VS RDBMS

ANS

* DBMS
* It is a software which provide systematic way of creating,retriving and managing data in databse
* It stands for database management system
* Transaction are less secured
* Taking more time to access data
* Can be used to store small amount of data
* Difficult to modify data
* RDBMS
* It is based on the relational model
* It stands for relational database management system
* Transaction are more secured as compared to dbms
* Taking less time as compared to dbms
* Suitable for storing large amount of data
* Easy to modify data

Q8 WHAT IS API TESTING

ANS

It is a software interface that allow two application to interact with each other without any user intervention.

Q9 TYPES OF API TESTING

ANS

There are 3 types of api testing

* Open api
* Partner api
* Internal api

Q10,11 WHAT IS RESPONSIVE TESTING with its tools

ANS

It is used to check,how well the website work in different website, its main aim is to improve user experience.

TOOLS

* Lt browser
* Google resizer
* Pixel tuner
* Etc

Q12 FULL FORM OF IPA,APK

ANS

IPA – IPHONE APPLICATION

APK – ANDROID APPLICATION PACKAGE

Q13

STEPS TO OPEN DEV OPTION IN ANDROID

ANS

STEP 1- OPEN SETTINGS

STEP 2- TAP ON ABOUT PHONE

STEP 3 – TAP ON BUILD NUMBER 4 TIMES

STEP 4- NOW YOU ARE THE DEVELOPER

MODULE 4

Q1 COMPONENTS IN LOADRUNNER

ANS

* Load generator
* Vugen
* Controller
* Agent process
* Analysis

Q2 HOW CAN WE SET NUMBER OF VUSER IN LOADDRUNNER

ANS

STEP 1- TAP ON TOOLS

STEP 2- TAP ON CREATE SCENARIO

STEP 3- SET NUMBER OF VUSERS

Q3 WHAT IS CORRELATION

ANS

Correlation is the capturing of dynamic values passed from the server to client and back. we save captured value into load runner parameter and then use it in script in place of original value.

Q4 DEVELOPING VUSER STEPS

ANS

STEP1 – recording the vuser script

STEP2 – edit vuser script

STEP3 – runtime setting

STEP4 – run script in standalone mode

STEP5 – Incorporate vuser script into a loadrunner scenario

Q5 How Load Runner interacts with the application?

ANS

500 Vusers

Q6 What is the relationship between Response Time and Throughput

ANS

Throughput graph shows the amount of data in bytes that the vusers received from server in second,when comparing response time we will notice that as throughput decreased, the response time also decreased. Similarly, the peak throughput and highest response time would occur approximately at the same time

Q7 What is the difference between hits/second and requests/second

ANS

Hits/sec are number of https request made by vuser to the web server in a session step run on per second basis.Request/sec are the number of request completed during each second of scenario run

Q8 BENEFETS OF AUTOMATION TESTING

ANS

* Faster execution time
* Improved test coverage
* Reusability
* Cost efficient
* Better accuracy
* Time saving

Q9 ADVANTAGES OF SELENIUM

ANS

* Cross browser scripting
* Supports multiple languages
* Support multiple os
* Robust test scripting
* Flexibility

Q10 WHAT IS AUTOMATION TESTING

ANS

It is a software testing technique that performs using special automated testing software tools to execute a test case suite. On the contrary, Manual Testing is performed by a human sitting in front of a computer carefully executing the test steps.

Q11 WHY TESTER SHOULD USE SELENIUM OVER QPT

ANS

* Selenium is open source
* Selenium offers cross browser scripting
* Selenium support multiple languages
* Better flexibility