Automated Testing Interview Questions And Answers Guide.

Global Guideline.

Automated Testing Job Interview Preparation Guide.

Question # 1

Tell us what you know about Table-Driven testing?

Answer:-

Table-Driven testing, also known as keyword or action driven testing uses a specified methodology for testing. The methodology divides the testing in two stages,
Planning stage: In this stage, the requirements of the application are analyzed. Thereafter the operations that need to be performed on the objects are planned. Here, the testers write the test cases based on keywords.
E.g. identifying all text fileds in the application accepting Mobile numbers. Here the keyword can be Entering Mobile number.
Implementing stage: Here the test cases are executed based on keywords mentioned above.

Read More Answers.

Question # 2

Explain data parametrization in WinRunner?

Answer:-

Data is written multiple times, while WinRunner has a repeated loop to process the data.

Read More Answers.

Question # 3

Have you completed the CPS exam? Which one?

Answer:-

TestSuite 6.0, LoadRunner, etc.

Read More Answers.

Question # 4

What are the drawbacks of Test Automation?

Answer:-

i) Test design requires lot of efforts
ii) 100% test automation impractical
iii) All types of testing not possible (Ex: Usability)
iv) Debugging issues
v) Tools may have their own defects

Read More Answers.

Question # 5

What is In-house tool?

Answer:-

Some companies develop tools for their internal use.
Microsoft, Oracle Corporation and IBM developed so many tools for their
internal use.

Read More Answers.

Question # 6

What type of Scenarios can't be automated?

Answer:-

Tests that require human user observation
Tests that requires one time execution

Read More Answers.

Question # 7

Tell me what type of Scenarios can be automated?

Answer:-

Tests that we have to execute on every build (Sanity Tests)
Tests that we have to execute on every modified build (Regression Tests)
Tests that we have to execute with multiple sets of test data (Data driven Tests)

Read More Answers.

Question # 8

Tell me what criteria do you consider for automating a test?

Answer:-

I would consider the following points to help me decide if a test should be automated:
  How often does the test need to be executed? i.e. is that going to be a regression test? Sometimes the test will need to be executed once, but with a large set of data
  How much time does automating this test will save me so that I can use my time in exploratory testing
  How important is the test to the business; i.e. is the test scenario a typical user journey through the application
  How complex is it to automate the test and how likely is it that the complexity doesn't cause many false positives which increases results analysis time?
  How likely is it that this test catches a defect?
   How likely is it that a feature or functionality will break and what is the impact of it to the business? If it is high impact, then it should be automated to ensure it passes from release to release

Read More Answers.

Question # 9

Tell me what kind of tests should NOT be automated?

Answer:-

This interview question is similar to previous question but focuses on which tests Not to be automated and left for manual testing. Possible answers can be:
   Usability Testing â€" at times this can be an impossible task to perform by automation as the computer cannot efficiently judge if the system is of any use to its users
   Tests that only need to be executed once â€" unless the same test needs to be executed for a large dataset then it makes sense to automate
   Tests without predictable results â€" test automation should give us confidence in the results of the tests. If there are intermittent failures then the tests cannot be reliable and cannot be dependent on
   Tests that need to be verified visually
   Tests that need to be executed quickly. At first, writing an automated test takes longer. If we want a quick check, we should test manually, however, if that test is a good one which should be run regularly, then it should be automated in time

Read More Answers.

Question # 10

Please name a couple of standard web function found in the function generator?

Answer:-

Web_****

Read More Answers.

Question # 11

Explain the project tree in Test Director?

Answer:-

Used to coordinate and manage test cases.

Read More Answers.

Question # 12

How does load testing work for websites?

Answer:-

Websites have software called a web server installed on the server. The user sends a request to the web server and receives a response. So, for instance, when you type www.google.com the web server senses it and sends you the home page as a response. This happens each time you click on a link, do a submit, etc. So if we want to do load testing you need to just multiply these requests and responses "N" times. This is what an automation tool does. It first captures the request and response and then just multiplies it by "N" times and sends it to the web server, which results in load simulation.

Read More Answers.

Question # 13

What is Automation?

Answer:-

General definition: Manual Process to mechanized process
Software Industry definition: Automation is a Microsoft technology that makes it possible to access software objects inside one application from other applications. These objects can be created and manipulated using a scripting or programming language such as VBScript or VC++. Automation enables you to control the functionality of an application programmatically.

Read More Answers.

Question # 14

What is Test Tool?

Answer:-

Test tool is software application it performs test operations based on
user instructions.

Read More Answers.

Question # 15

What is Vendor tool and give examples?

Answer:-

Companies develop tools, license is required to use and get technical
support.
HP-WinRunner, QTP, LR, QC
IBM-Rational- Rational Robot, RFT, RPT, QA Director
Micro-SilkTest, Silk Performer

Read More Answers.

Question # 16

What is Open source Tool and give example?

Answer:-

Source code available on Internet anybody can download and use.
Ex: Selenium, Jmeter, Bugzilla, QAwebload etcâ€¦

Read More Answers.

Question # 17

Do you know what is Functional Testing?

Answer:-

Testing based on an analysis of the specification of the functionality
of a component or system.

Read More Answers.

Question # 18

What are the disadvantages of Manual Testing?

Answer:-

i) Huge Amount of Human Resources as well as Environment (Test lab)
ii) Time taking process
iii) Less Accuracy
iv) Tiredness

Read More Answers.

Question # 19

Give some examples for Functional & Regression Test Tools?

Answer:-

HP- QuickTest Professional (QTP)
IBM- Rational Functional Tester (RFT)
Micro Focus- Silk Test
Test Complete
Test Partner
Selenium (Open Source)

Read More Answers.

Question # 20

What is the deference between Automation tools and Management tools?

Answer:-

Automation tools interact with software applications, Test management
tools don't interact with software applications.
Test management tools only for documentation and generation reports
where as Automation tools execute our software applications.

Read More Answers.

Question # 21

What are different coverages in Function Testing?

Answer:-

Verifying the Functionality (external behavior) of a component or System
i) Input Domain Coverage

Verifying weather the system is accepting valid inputs or not? And
preventing invalid inputs or not
ii) Output Domain Coverage
Verifying weather the System is providing correct Outputs or not, based
on input and process
iii) Database Testing
Verifying the data validations, data storage and data retrieval operations
iv) Error handling
Verifying how the system is handling user unathurized/invalid operations
and providing error and help messages.
v) Order of functionalities
Verifying weather the System is providing correct order of
functionalities or not

Read More Answers.

Question # 22

Explain difference between WinRunner and Test Director?

Answer:-

â€œWinRunner handles automation test scripts
TestDirector manages test scripts, defects and test planâ€

Read More Answers.

Question # 23

Tell me what is TSL? What 4GL is it similar too?

Answer:-

â€œTest Script Language, TSL C++â€

Read More Answers.

Question # 24

What is Test Automation?

Answer:-

Automating Software Test process using Test Tools

Read More Answers.

Question # 25

Give some examples for Test management Tools?

Answer:-

HP- Quality Center / ALM
Jira
Rational QA Director
Etc..

Read More Answers.

Question # 26

Tell me what is Regression Testing?

Answer:-

Testing of a previously tested program following modification to ensure
that defects have not been introduced or uncovered in unchanged areas of
the software, as a result of the changes made. It is performed when the
software or its environment is changed.

Read More Answers.

Question # 27

Who uses QTP Tool?

Answer:-

HP- QuickTest Professional is an Industry leading Functional &
Regression Test tool and it supports advanced keyword driven test approach.
Automatio Testers and End users use QTP Tool

Read More Answers.

Question # 28

Please explain how to perform load-testing?

Answer:-

Load testing is done to know how well can a system handle and respond when subjected to load. It can be done by either moderately loading the system for a long
time or heavily loading the system for a short time. In either approaches intention is to check the limitations of the system.
E.g. exceeding the number of users on the web, Memory management testing: i.e. uploading many pictures

Question # 29

Tell me what databases can Test Director reside on?

Answer:-

Oracle, Access, Sybase, MsSQL

Question # 30

What is the purpose of the wrun.ini file?

Answer:-

Configuration set up for WinRunner

Question # 31

Write a short compiled module which selects random numbers; and what function is used to call your customized compiled module?

Answer:-

Load or Reload function

Question # 32

Does automation replace manual testing?

Answer:-

Automation is the integration of testing tools into the test environment in such a manner that the test execution, logging, and comparison of results are done with little human intervention. A testing tool is a software application which helps automate the testing process. But the testing tool is not the complete answer for automation. One of the huge mistakes done in testing automation is automating the wrong things during development. Many testers learn the hard way that everything cannot be automated. The best components to automate are repetitive tasks. So some companies first start with manual testing and then see which tests are the most repetitive ones and only those are then automated.
As a rule of thumb do not try to automate:
    Unstable software: If the software is still under development and undergoing many changes automation testing will not be that effective.
    Once in a blue moon test scripts: Do not automate test scripts which will be run once in a while.
    Code and document review: Do not try to automate code and document reviews; they will just cause trouble.

Question # 33

Give some examples for Performance Test Tools?

Answer:-

HP-LoadRunner
IBM-Rational Performance Tester (RPT)
Micro Focus- Silk Performer
JMeter (Open Source)
Etc..

Question # 34

Give some examples for Defect Management Tools?

Answer:-

Bugzilla,
Issue-Tracker,
PR-Tracker
Etc…

Question # 35

Tell me what are Pros and Cons of automating tests at UI layer?

Answer:-

Pros
    UI automated tests execute in a way that simulates user interacting with the system. So it is very good for validating user journeys and flows
    Can cover end-to-end flows that communicate with 3rd party systems
    Because tests are run against the system, they can be demoed to the customer who can understand what tests are run
    Can catch high severity or show stopper bugs
    Can check UI functionality where it is not possible to test otherwise
Cons
    UI automated tests can be very brittle (i.e. fail due to UI changes even though functionality hasn't changed)
    Slow feedback to the team. Execution is slow as you have to wait for the system to launch and connections with 3rd party system can take a long time
    Limitation on what can be checked from the UI. There are some information that are not present from the UI

Because tests are slow from UI, we can't have a lot of tests running against the UI
Can be time consuming to construct automated test scripts for the UI
Usually have to depend on a 3rd party tool or vendor for UI testing

Read More Answers.

Question # 36

Can you explain data-driven testing?

Answer:-

Normally an application has to be tested with multiple sets of data. For instance, a simple login screen, depending on the user type, will give different rights. For example, if the user is an admin he will have full rights, while a user will have limited rights and support if he only has read-only support rights. In this scenario the testing steps are the same but with different user ids and passwords. In data-driven testing, inputs to the system are read from data files such as Excel, CSV (comma separated values), ODBC, etc.

Read More Answers.

Question # 37

What are the advantages of Test Automation?

Answer:-

i) Fast: Tools are faster in execution than human users
ii) Reliable: Tools are reliable in complex calculations and tasks
iii) Reusable: we can reuse Automated Tests on multiple versions of
Software (Ex: Sanity Tests, Regression Tests)
iv) Repeatable: we can repeat same operations with multiple sets of Test
Data (Ex: Data driven Tests)
v) Programmable: we can use flow control statements for applying logic
(Scope of Automated Tests is very high than Manual Test Cases)
vi) Comprehensive: we can execute series of Tests without human
interaction (Ex: Batch Testing)

Read More Answers.

Question # 38

What are the important operations in Database Testing?

Answer:-

Data Integrity,
Data Manipulations,
Data Comparisons,
Data Retrieval,
Data back-up and recovery operations etc...

Read More Answers.

Question # 39

What is Functional and Regression Testing?

Answer:-

Plz guide me with answer.

Read More Answers.

Software Testing Most Popular Interview Topics.

About Global Guideline.

Global Guideline is a platform to develop your own skills with thousands of job interview questions and web tutorials for fresher's and experienced candidates. These interview questions and web tutorials will help you strengthen your technical skills, prepare for the interviews and quickly revise the concepts. Global Guideline invite you to unlock your potentials with thousands of **Interview Questions with Answers** and much more. Learn the most common technologies at Global Guideline. We will help you to explore the resources of the World Wide Web and develop your own skills from the basics to the advanced. Here you will learn anything quite easily and you will really enjoy while learning. Global Guideline will help you to become a professional and Expert, well prepared for the future.

* This PDF was generated from https://GlobalGuideline.com at **November 29th, 2023**

* If any answer or question is incorrect or inappropriate or you have correct answer or you found any problem in this document then don't hesitate feel free and e-mail us we will fix it.

You can follow us on FaceBook for latest Jobs, Updates and other interviews material.
 www.facebook.com/InterviewQuestionsAnswers

Follow us on Twitter for latest Jobs and interview preparation guides
https://twitter.com/InterviewGuide

Best Of Luck.

Global Guideline Team
https://GlobalGuideline.com
Info@globalguideline.com