

Interview Questions

Manual Part-1

1. What is testing
2. What are SQA factor
3. In which condition escalation arise and how to handle
4. What is SDLC
5. What do you want by the term of SDLC
6. Suppose if any of the SDLC phase, then what will impact o product, what for you thing
7. What is deployment and what are different stage including into it
8. What is waterfall model
9. What is v-model
10. What is agile
11. What is difference between these three methodology
12. What is change request,
13. What do you is change request is good or how it will impact on current going sprit
 - a. What is difference between test cases and test scenario
14. What is post mortem testing
15. What id difference between verification and validation
16. What are different artifacts that you followed during your last project
17. What is User story
18. What is estimation, how much it is import, what does story point
19. Have you heard term module like plan driven , value driven what does it and difference between them
20. What is acceptance and descriptive criteria
21. What are the basic ceremonies or meeting in agile or in software industry
22. What is your role in daily scrum, sprint planning, sprint review and retrospective
23. Who is responsible person to conduct all the meetings
24. What are advantages of agile
25. What is sanity testing
26. What have if we do not do sanity testing
27. What navigation testing
28. Where you involved in writing the use cases?
29. How long do u spend on understanding SRS?
30. After understanding the SRS what do you do?
31. Should you understand the whole project functionality or only the functionality assigned to you?
32. How big is your SRS?
33. What will be the problem without SRS?
34. What is user story?

35. What is Review?
36. How much information you can review in one day?
37. What are the entry and exit criteria for test execution?
38. How do you know you have a build ready for testing?
39. How many test cases can you execute per day?
40. How do you run the test cases?
41. How do you check broken links?
42. Do you run all regression tests for every bug fixed?
43. In the modules you have worked on, are there any issues identified after release?
44. What is the difference between test scenario and test case?
45. How do you find whether a test case is a good test case or bad test case?
46. What is the percentage of positive and negative test cases that you write?
47. Do you update the test cases after receiving build based on the application screen?
48. Explain one scenario where you were not able to write test cases for a given requirement?
49. What parameters do the test manager considers to take the decision to stop testing ?
50. What is the status can give to a test case?
51. What is system and functional testing
52. What is functional testing and types
 - a. What is behavioural testing
 - b. What is BVA and ECP and how will you under limitation while doing it
 - c. How much import the error handling testing
 - d. What is backend testing and how is responsible for it
 - e. What we are understood with tern service based testing
 - f. What are mandatory things that we have to keep in mind for calculation based testing
53. What is non functional testing and types
 - a. What is recovery/ reliability testing
 - b. What is compatibility testing
 - c. What is cross browser testing
 - d. What is intersystem testing how much it is import
 - e. What is garbage / sanitation testing, how will you understand that now for this feature we have to do it
 - f. What is globalisation testing
54. What is usability testing/ accessibility testing
55. What is security testing
56. What is performance testing and difference
57. What is vulnerability testing
58. What is regression testing when we are doing it, what is most import thing to do while regression testing--- how will you understand high priority cases
59. What is retesting, when it should do

60. Is it important to do regression after bug fixes if functionality is depend on each other
61. What are testing terminology
62. What is monkey testing, Exploratory testing and adhoc testing
63. What is UAT-
 - a. alpha, beta testing
 - b. where it should be done
 - c. difference
64. What is walkthrough
65. As you have 3 years experience Have you provided any kind kt to your junior
66. What is priority and severity and who is responsible to decide it
67. How to resolved production issue
68. What is Negative Testing and Tips on Writing Negative Test Cases?
69. Difference between use case and SRS?
70. What is Product backlog & Sprint Backlog?
71. What is Test Data? From where they come.
72. What is Test Data? From where they come.
73. Tell me any five scenarios
 - a. Pensil
 - b. Rubber
 - c. Sales app
 - d. Any ecomorane domain
74. If any member from the team does not understand the requirement , then what will be the impact on the project?

Manual Part-2

1. What are different document you followed while working
2. What is STLC
 - a. What are different phases into it
 - b.
3. What is test plan and who is designed it
4. What is difference between SDLC and STLC
5. What are different risk involved in the project while working in agile or v-model
6. What is test case review and types
 - a. Self review, peer , internal and external
7. What is defect/ bug life cycle
 - a. What is duplicate
 - b. What is deferred defect
 - c. When bug is reopened
8. In which situation developer reject the bugs
 - a. What is our action on it

9. What is traceability matrix and types

SQL

1. What is SQL
2. What is data and database
3. What are types of database
4. What is RDBMS?
5. What are tables and Fields?
6. What are the tools available in market for SQL
7. What are SQL command types
 - a. What is DDL
 - b. What DML
 - c. What is DQL
8. What are datatypes in SQL
 - a. Vchar
 - b. Int
 - c. Times and date
9. What are syntax
 - a. Create, alter, drop, and truncate
 - b. Insert, update delete
 - c. Select
10. What are agreement functions
 - a. Sum
 - b. Max, min
 - c. Average
 - d. Count
11. What is a constraint?
 - a. NOT NULL - Restricts NULL value from being inserted into a column.
 - b. CHECK - Verifies that all values in a field satisfy a condition.
 - c. DEFAULT - Automatically assigns a default value if no value has been specified for the field.
 - d. UNIQUE - Ensures unique values to be inserted into the field.
 - e. INDEX - Indexes a field providing faster retrieval of records.
 - f. PRIMARY KEY - Uniquely identifies each record in a table.
 - g. FOREIGN KEY - Ensures referential integrity for a record in another table.
12. What is joins and types
13. What is clause and what are the clause statement in SQL

- a. WHERE clause in SQL is used to filter records that are necessary, based on specific conditions.
- b. ORDER BY clause in SQL is used to sort the records based on some field(s) in ascending (ASC) or descending order (DESC).
- c. GROUP BY clause in SQL is used to group records with identical data and can be used in conjunction with some aggregation functions to produce summarized results from the database.
- d. HAVING clause in SQL is used to filter records in combination with the GROUP BY clause. It is different from WHERE, since WHERE clause cannot filter aggregated records.

14. Queries

- a. Write an SQL query to fetch the EmpId and FullName of all the employees working under Manager with id – ‘986’.
- b. Write an SQL query to fetch the different projects available from the EmployeeSalary table.
- c. Write an SQL query to fetch the count of employees working in project ‘P1’.
- d. Write an SQL query to find the maximum, minimum, and average salary of the employees.
- e. Write an SQL query to find the employee id whose salary lies in the range of 9000 and 15000.
- f. Write an SQL query to fetch those employees who live in Toronto and work under manager with ManagerId – 321.
- g. Write an SQL query to fetch all the employees who either live in California or work under a manager with ManagerId – 321.
- h. Write an SQL query to fetch all those employees who work on Project other than P1.
- i. Write an SQL query to display the total salary of each employee adding the Salary with Variable value.
- j. Write an SQL query to fetch the employees whose name begins with any two characters, followed by a text “hn” and ending with any sequence of characters.
- k. Write an SQL query to fetch all the EmpIds which are present in either of the tables – ‘EmployeeDetails’ and ‘EmployeeSalary’.
- l. Write an SQL query to fetch common records between two tables.
- m. Write an SQL query to fetch records that are present in one table but not in another table.

Selenium

15. Selenium basic

- a. What is automation testing? and list down its advantages.
- b. Mention some of the popular tools used for automation testing.
- c. What is Selenium and what is it composed of?
- d. Why should you use Selenium for test automation?
- e. What are the advantages of Selenium?
- f. Does Selenium have any technical limitations? If so, what are those limitations?
- g. List down some of the technical challenges with Selenium.
- h. Why do testers choose Selenium over QTP?
- i. Explain what can cause a Selenium IDE test to fail?
- j. Can Selenium Automate Desktop Applications?
- k. Which Test cases need to be automated?
- l. What types of tests have you automated?
- m. What are the popular test automation tools for functional testing?
- n. How many test cases have you automated per day
- o. Why do we create a reference variable 'driver' of type WebDriver and what is the purpose of its creation?

16. Locators

- a. What is webpage, and difference between live and dead element?
- b. What are the different types of locators in Selenium?
- c. What is a locator? How will you locate an element in Selenium?
- d. What is the order or priority in which we have to choose the locators?
- e. Please explain how to click on a hyperlink using its text.
- f. Explain the difference between single slash and double slash in XPath.
- g. How will you find an element using Selenium?
- h. Difference between absolute and relative x-path?
- i. What is attribute key and attribute value?
- j. the use of XPath in Selenium testing.
- k. How will you verify the specific position of an web element

17. Selenium drivers

- a. What are the different types of drivers available in WebDriver?
- b. How do I launch the browser using WebDriver?
- c. How many types of WebDriver APIs are available in Selenium?
- d. Explain how you can handle colors in a web driver?
- e. Can WebDriver test mobile applications?
- f. What are the browsers supported by Selenium WebDriver?

18. Basic Selenium methods and differences

- a. Mention the types of navigation commands.
- b. Mention the types of get commands.
- c. Mention the types of status commands.
- d. How can you find whether an element is displayed on the screen using Selenium?
- e. How can we get a text on a web element using Selenium?
- f. How to type into a text box using Selenium?
- g. Explain the difference between driver.close() and driver.quit() commands in Selenium.
- h. Explain the difference between findElement() and findElements() in Selenium.
- i. What are the different types of exceptions you have faced in Selenium WebDriver?
- j. How to clear the text inside the text box fields using Selenium WebDriver?
- k. How to pause a text execution for 5 seconds at a specific point?

19. Dimension and point class

- a. How do I set browser width and height in Selenium WebDriver?
- b. What is the difference between point class and dimension class ?
- c. From where these classes are comes out
- d. Syntax for dimension class
- e. Syntax for point class

20. List box and screenshot

- a. How to handle a drop-down field using Selenium WebDriver?
- b. What are the methods available in select class
- c. For which purpose we are using select class
- d. Suppose I want to find out number of element and list of them in dropdown
- e. Why is a screenshot required?
- f. What are the different tools available for screenshot
- g. What is the syntax for took screenshot in selenium
- h. What is a screenshot?

21. I-Frame

- a. What is an i-frame?
- b. How do you handle a frame in WebDriver?
- c. Explain how you can switch between frames?
- d. Which attribute you should consider throughout the script in frame for “if no frame Id as well as no frame name”?
- e. Explain how you can switch back from a frame?

22. Pop-up

- a. What is popup and what are the types of pop-up?
- b. How to handle alert popups?
- c. Explain how you can login into any site if it's showing any authentication popup for password and username?
- d. How can we handle Windows-based popups with Selenium?
- e. How will you use Selenium to upload a file ?
- f. Mention when to use AutoIT?
- g. How will you use Selenium to upload a file?
- h. Supposed I want to copy text from popup
- i. What is child browser popup
- j. What is the difference between getwindowhandles() and getwindowhandle()?
- k. How will you handle working with multiple windows in Selenium ?
- l. Mention the need for session handling while working with Selenium.
- m. How to upload a file in Selenium WebDriver?
- n. How to download a file in Selenium WebDriver?
- o.

23. Wait or synchronisation

- a. What is synchronisation
- b. What is wait and types
- c. What is an ajax element?
- d. Difference between wait method and thread sleep?
- e. Why we are not using thread sleep instead of wait?
- f. What is implicit wait, in which condition we have to use it and syntax?
- g. What is explicit wait, in which condition we have to use it and syntax?
- h. What is fluent wait, in which condition we have to use it and syntax?
- i. What are the different methods available to avoid exception and we can use the explicit wait

24. Action class

- a. What is the need of an action class?
- b. What are the different methods available in action class?
- c. What is mouse action and keyboard actions
- d. Explain using Webdriver how you can perform double click ?
- e.

25. Excel

- a. What is parameterization?
- b. How can I read test data from Excel files?
- c. How to write
- d. Which methods and classes we are using

- e. How Do You Integrate the Apache POI in Eclipse?
- f. How to Read Data Using Apache POI
- g. How to Write Data Using Apache POI

26. POM

- a. What is POM
- b. What are advantages of POM
- c. What is page factory
- d. How to handle hidden elements in Selenium WebDriver?
- e. What is the difference between Page Object Model and Page Factory?
- f. What are the advantages of Page Object Model?
- g.

27. Scrolling

- a. How to scroll web page up and down using Selenium WebDriver?
- b. How to read a JavaScript variable in Selenium WebDriver?
- c. What is JavascriptExecutor and in which case JavascriptExecutor will help in Selenium automation?

28. How to handle Ajax calls in Selenium WebDriver?

29. List some scenarios which we cannot automate using Selenium WebDriver?

30. How do you find broken links in Selenium WebDriver?

31. What is an object repository?

32. What are data-driven frameworks and keyword-driven frameworks?

33. How do you set the test case priority in TestNG?

34. What are the different types of frameworks?

35. Mention the types of listeners in TestNG.

36. Use getCssValue(arg0) function to get the colors by sending 'color' string as an argument

37. Mention 5 different exceptions you had in Selenium web driver?

38. Explain how you can use recovery scenario with Selenium?

39. What is selenium RC (Remote Control)?

40. How to handle hidden elements in Selenium WebDriver?

41. How to read a JavaScript variable in Selenium WebDriver?

42. Framework

43. Assertion- soft and hard

44. Testg

45. Maven

46. Annotation

47. Webdriver listener

48. GIT

49. GITHUB

50. Jenkins

API

1. What are the tools used for API testing?
2. What is API testing?
3. What are the main differences between API and Web Service?
4. What are the main differences between API and Web Service?
5. What is the test environment of API?
6. What is the procedure to perform API testing?
7. What must be checked when performing API testing?
8. What are major challenges faced in API testing?
9. What are common API errors that are often found?
10. What is REST?
11. Is there any difference between PUT and POST operations?
12. What is URI? What is the main purpose of REST-based web services and what is its format?
13. Mention the key difference between UI level testing and API testing?
14. Explain what SOAP is?
15. Explain what REST API is?
16. Difference API and Unit Testing?
17. How to test API's ?
18. Mention what the main areas to be taken into consideration while writing an API document ?
19. In the API document explain how to document each function ?What are the tools used for documentation?
20. What are the main challenges of API testing?
21. What types of Bugs will API testing find?
22. What are the tools used for API test automation?
23. Mention the steps for testing API ?
24. What are the common protocols that are tested in API testing ?