

# QA & QA Automation Question Bank

From  
Organizations like  
Optum UHG,  
Cvent, Accolite  
etc.



Guide by:  Japneet Sachdeva

**All questions are  
realtime so  
practicing these  
will help you clear  
interviews quite  
easily!**



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- 1) Tell me about yourself
- 2) Rate yourself in java
- 3) Beforemethod vs beforetest in TestNG
- 4) In a webpage there are few elements which execute fine a few times and fail a few times, what is the reason
- 5) w.r.t above Q. how to handle it
- 6) In a Webpage few elements are dynamic, how to handle it
- 7) How many kinds of locators are there
- 8) Why ID is most preferred
- 9) Xpath vs css, which is better
- 10) In a Text box, I need to pass only Upper case values, where text is extracted from outside source(ex.excel) and here in excel, the values are in lowercase, now without using any Java APIs, using only Selenium, how do you pass only Upper case values
- 11) Explain the framework you designed from scratch
- 12) Have you worked in keyword driven framework
- 13) Explain the complete approach for Data-driven Testing implemented in the framework you are working on





- 14) What is Arraylist
- 15) Arrays vs ArrayList
- 16) Explain about Hashmap in detail
- 17) What does Thread safe means?
- 18) How do you handle browser windows
- 19) Write Code from scratch for Add to cart Validations in Amazon Website
- 20) How to handle dynamic drop-downs
- 21) Throw vs throws
- 22) How to run test cases in parallel in Selenium
- 23) Complete approach to handle dynamic webtable
- 24) Why APIs?
- 25) Rest Vs Soap
- 26) Soap or Rest , which is better
- 27) What are advantages of Rest over Soap
- 28) Why in your project, Rest API is used
- 29) Explain about Multithreading in Java
- 30) How you have handled Date and Time in your Framework
- 31) In banking application, when money transactions are more , do you prefer Rest or Soap
- 32) Do you have any questions to ask?



## More Questions:

- 1) Introduce yourself
- 2) Explain the complete Scrum process followed in your Project
- 3) How Estimations were given for a Story
- 4) Give an example of Low priority & Low severity, Low Priority & High Severity (please don't give examples commonly mentioned in blogs or YouTube videos). Give some unique examples.
- 5) There is a date picker which has a start date and end date, and once you select both dates, now these 2 dates get displayed in another 2 web pages. Once you modify they get modified in these 2 webpages. Derive as many scenarios as possible for this case.
- 6) What exactly is Smoke and Sanity Testing (Give some good examples from your project)
- 7) In what cases you performed smoke, regression, Sanity, Retesting and End to End testing in your Project, explain in detail.
- 8) How do you handle radio buttons
- 9) What is implicit wait, have you implemented it in your project?





- 10) Explain with examples where implicit and explicit waits can be used
- 11) Have you designed the Automation framework from scratch?
- 12) Why you have implemented By Approach in your Page classes and why not Page Factory approach
- 13) Set vs Map?
- 14) Are you Ready to work from 1:30 PM to 11PM IST Timings?
- 15) Do you have any
- 16) Handling mail while working in Automation, explain with writing code
- 17) Handling Test data in Automation
- 18) Git Branching approach in detail
- 19) POC approach in detail
- 20) How Regression Suites are handled in your Automation Project?
- 21) How do you prove that Automation is worthy
- 22) Explain the Test Stack Implemented in your project



More Questions:

Introduce yourself briefly

Ans - communication skills and learning mindset

Q1) WHY DO YOU WANT TO SWITCH SO EARLY?

Q2) Coding question -

Middle Function

Write a function called middle that takes an array and returns a new array that contains all but the first and last elements.

myArray = [1, 2, 3, 4]

Q3) Print all the substrings of abcabc

Q4) Create a dynamic xpath

Go to Amazon.in

Search for iPhone

Create a xpath which can iterate over all the products

Q5) How can you parameterize testNG XML file

Q6) How to execute different suites using POM.XML

Q7) Give me an example of medium priority and medium severity





Q8) What is interface testing and its types?

Q9) How to test Payment gateway? Prepare 10 different scenarios

Q10) How to test Search functionality - Example google search - Prepare 7 different scenarios

Q11) Types of authentication and authorization? 3rd party keys and token

Validity of tokens - refresh token and access token

Q12) Flow for OAUTH 2.0

Q13) How to pick test scenarios for Regression and Sanity testing to automate?

Q14) How to create acceptance criteria? When requirements are not fixed?

How to test and validate it? Do you create test plan?

Do you automate it?

Q15) what is TDD, BDD and ATDD

Q16) Why do you need a git rebase?

Q17) Why do you need git stash?





## More Questions:

Explain how you approach the Testing process if you are in day 1 of the sprint

Explain which priority Test Suites you run in Automation. Do you run all P1,P2,P3 suites

Explain the properties of the Locators you applied in your project, how do you decide

How to Handle Background color

Explain Polymorphism in detail, need to explain method overloading and overriding from your framework

Explain Dynamic Xpath used in your Project

How you have Handled dropdowns

How to Handle Alerts

Explain in detail, Webdriver driver = new ChromeDriver();



Differences between equals () vs equalsIgnoreCase()

Explain why toString() is needed

How to handle multiple nulls in Hashmap

Explain Maps, HashMaps, LinkedHashMap?

Explain Page object Model with Code (basic skeleton)

How do you test a software application to ensure that a blind person can interact with it?

Distinguish between retesting and regression testing?

Explain the rule of a Test Driven Development?

What do you understand about bug/ defect triage in the context of quality assurance?



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## More Questions:

- 1) Brief me about your experience
- 2) What tools and technologies have you worked on?
- 3) What's your favorite programming language? And rate yourself

Note - If you rate yourself 6 or above then get ready to face challenging coding questions.

- 4) Find the longest substrings of these three strings:

Example 1 - aab

Example 2 - pwwkew

Example 3 - abcabcabcda

- 5) Have you created a dynamic Xpath? If yes then give examples.

How to automate the elements which sometimes pass or fail?

- 6) How to send only lowercase text where data is derived from external source, without using any java functions or libraries.
- 7) What is the difference in keyword driven vs data driven vs behavior driven frameworks?
- 8) What is Hashmap?



- 9) If hashmap is available then why do you need HashSet?
  - 10) How to handle exceptions?
  - 11) Why do you need finally block?
  - 12) Why do you use Array when ArrayList is available?
  - 13) What are different ways to execute parallel tests in selenium?
  - 14) How to execute different suites using Maven and TestNG?
  - 15) Create a dynamic XPath which can find all headlines on Amazon.com
- Steps -
- Go to Amazon.com
  - Search for Smart TV
  - Create Xpath to retrieve the name of all products and store in List
- 16) Why strings are immutable?
  - 17) What is string constant pool?





```
18) When int a = 20;  
int b = a ;  
System.out.println(a); -> o/p - 20  
System.out.println(b); -> o/p - 20  
a=30;  
System.out.println(a); -> o/p - 30  
System.out.println(b); -> o/p - 20
```

But when we do same operation in HashMaps

```
Map<String, Integer> map1 = new HashMap<>();  
map1.put("value", 25);
```

```
Map<String, Integer> map2 = new HashMap<>();
```

```
map1=map2;
```

```
System.out.println(map1); -> o/p - value,25  
System.out.println(map2); -> o/p - 20 - value,25
```

Now if we update this to -  
map1.put("value", 42)

```
System.out.println(map1); -> o/p - value,42  
System.out.println(map2); -> o/p - 20 - value,42
```



Why does this happen??

- 19) Why do you need Throw and Throws keyword when we have Try,catch and finally?
- 20) What are different locators? Why id locator is preferred?
- 21) Explain Smoke vs Sanity vs Regression differences?
- 22) What do you understand by git rebase?
- 23) Do you have any questions for me?

Interview wrapped!



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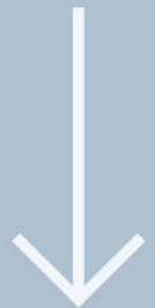
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# Will you give this a try?

Leave a comment below



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