1. **Suppose you find a bug in production. How would you make sure that the same bug is not introduced again?**

Add uncaught functionality to regression test cases. If you have an automated regression suite, then write a new script that validates the above functionality.

1. **What do you do when the developer denies that what you filed Is a BUG?**

Provide business documentation reference to support why the existing functionality is not as per design.

Involve product owner/ business analyst for discussion.

If a bug is not reproducible then

Provide screenshots of the bug, Give a timestamp on when you reproduced this so that the developer can check the application logs

Provide test data you have used for replicating an issue.

1. **What has been one of your greatest challenges while doing regression testing?**

Test Data Issue

Improper selection of regression test cases might skip a major regression defect to be found.

1. **Difference between functional and non-functional testing?**

Functional testing verifies that the feature/system working as expected according to requirement.

Non-functional requirements: How well the system does it within design and resource constraints

1. **Enlist some of the key challenges that are faced while performing software testing.**

Data issues

Environment available

Using the right set of tools

1. **What are the different levels of testing?**

Unit testing

Integration testing (API)

System testing

Acceptance testing

1. **What are the drawbacks of agile methodology?**

Sprint are usually very deadline constrained.

Documentation is not a priority.

Frequent change in requirements.

1. **What is your approach when you have high priority release to be delivered in a very short time?**

Run automation suites.

Run unit tests.

Manual testing on high-level priority business test cases.

1. **Give an example of high priority and low-severity bug**

Wrong logo image in the application

1. **What is your understanding regarding a Test Plan?**

A test plan is a document that consists of the scope, approach, resources, and outline of the testing project as well as the activities for tracking the progress of the project.

1. **Explain What would be your reaction if a project got a sudden change in its' deadline.**
2. As a QA engineer, be open to your thoughts if you can deliver the project with QA sign-off covering all test cases.
3. If pre-release is a must then discuss the opportunities of increasing QA resources or the possibility of partial product delivery
4. You have the power to hold QA sign-off if you are not satisfied with the quality of the product which eventually stops the release date.
5. **Difference between Smoke and Sanity testing?**
6. Sanity testing is kind of software testing performed after receiving a software build, with minor changes in code, or functionality to ascertain thet the bug have been fixed and no further issues are introduced due to these changes.
7. Smoke testing is a special type of testing performed on software build to check the critical functionalities of the program.
8. **If a small section of code in the application is updated? What is your approach in validating it?**
9. **Difference between Add-hoc and Exploratory testing.**

Adhoc testing includes learning the application first and then proceeding with the testing process.

Exploratory testing form of testing includes learning the application while testing.

1. **What are your Daily activities as a member of automation testing?**

Running smoke suite on a daily basis and sending the mail to team on the health of the application

Verify defects assigned to you and take appropriate actions.

Working on manual and automation testing for the stories in the current sprint.

1. **How do you select regression test cases or from the regression test suite?**

Include the test cases that verify core features of the application.

Include the test cases for functionalities that have undergone recent changes.

Include the test cases that have frequently yielded bugs

1. **Have you ever managed writing the test cases without having any documents?**

In my previous project, we had to redevelop our internal tool with new technology, But there are no testcase/documentation for the old/existing product.. As there is no documentation, Below are the steps I have followed

Understanding and exploring the existing product to come up with scenarios

Spending time with product owner or seniors to understand the business of the tool

Going through production bugs which found previously for product that edge testcases are not misses in writing the test fo upgraded product

1. **What is the first action you perform as a tester when application throws any weird Errors?**

Open developer tool->check in the console for any javascript errors

Open network tab -> and see if any request-response are failed.

Verify application logs to understand the actual issue.

1. **How do you solve conflict with your peer QA?**

There should be argument only up to a certain extent with your peer on what you are correct

If there is still conflict,

Involve the team and discuss the conflict issue with a larger audience. Open to take suggestions from your team

Accept any decision made from team meeting with a smile.

1. **How do we decide if test case is not an ideal candidate for Automation?**

Test which are highly dependented on data with frequent changes every time

Test which cannot be automated due to technical challenges

Test which are unstable dure to complex nature of application

1. **Deference between Re-testing and Regression testing?**

Retesting is done to make sure the test cases which failed in last execution are passes after the defects are fixed.

Regression testing is to ensure that changes have not affected unchanged part

Regression testing is not carried out for specific defect fixes.

1. **What is the most interesting bug that you've found recently?**
2. **In Agile Environments, in case you have any doubts regarding your project, how do you approach it?**

As a tester for domain-related queries, you should reach out to a business analyst, Product owner.

1. **As a tester, how do you differentiate the Dummy login page which is exactly like your Working project login page?**

Application logs

1. **How will you tell if Enough Test Cases have been created to test a product?**

Each business requirement it mapped to at least one test scenario.

Each test scenario should have positive and negative test cases.

Using a traceability matrix to check whether test test cases are covering all the requirement specification.