

# Manual Testing Real Time Interview Questions

*With answers*

*Part - 8*

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# 71.WHAT IS SMOKE AND SANITY TESTING?

## **SMOKE→**

- o It is a kind of Software Testing performed after software build to ascertain that the critical functionalities of the program are working fine.
- o The purpose is to reject a badly broken application so that the QA team does not waste time installing and testing the software application.
- o In Smoke Testing, the test cases chose to cover the most important functionality or component of the system. The objective is not to perform exhaustive testing, but to verify that the critical functionalities of the system are working fine.

## **SANITY→**

- o Sanity testing is a kind of Software Testing performed after receiving a software build, with minor changes in code, or functionality, to ascertain that the bugs have been fixed and no further issues are introduced due to these changes.

## 72. Smoke Testing Vs Sanity Testing - Key Differences

### Smoke Testing Vs Sanity Testing - Key Differences

Smoke Testing	Sanity Testing
Smoke Testing is performed to ascertain that the critical functionalities of the program is working fine	Sanity Testing is done to check the new functionality/bugs have been fixed
The objective of this testing is to verify the "stability" of the system in order to proceed with more rigorous testing	The objective of the testing is to verify the "rationality" of the system in order to proceed with more rigorous testing
This testing is performed by the developers or testers	Sanity testing is usually performed by testers
Smoke testing is usually documented or scripted	Sanity testing is usually not documented and is unscripted
Smoke testing is a subset of Acceptance testing	Sanity testing is a subset of <a href="#">Regression Testing</a>
Smoke testing exercises the entire system from end to end	Sanity testing exercises only the particular component of the entire system
Smoke testing is like General Health Check Up	Sanity Testing is like specialized health check up

73. Tell me a Bug having High Priority and Low Severity and a Bug having Low Priority and High Severity and a Bug with High Priority and High Severity? Or Give the example of high severity and low priority defect in any your project? Not general answer required.

❖ **High Priority High Severity:**

In our application while creating an Account with special characters in the name it was crashing the application. So this was a bug having High Priority and High Severity.

Justification: Priority of the Bug was high because it was application crash and user was losing the data which he entered while creating the account.

Severity of the Bug was high because it was application crash.

### ❖ **High Priority Low Severity**

In our application we have Account Profile Report which was giving us Revenue related information for the given Subsidiary, Date and Products filter. But when I was selecting All subsidiaries then it was not showing data for India Subsidiary. So this was a bug having High Priority and Low Severity.

Justification: Priority of the bug was high because it was a data loss for India Subsidiary and 90% of the users were from US subsidiary.

Severity of the bug was low because we were able to test the report for the rest of the subsidiary.

### ❖ **Low Priority High Severity**

In our application while creating more than 100 Contacts for the given account it was crashing the application. So this was a bug having Low Priority and High Severity.

Justification: Priority of the bug was Low as the chances of creating contacts more than 100 for the given account by business was very less.

Severity of the bug was high as it was application crash.

## ❖ **Low Priority Low Severity**

There was spelling mistake in our help file of the application. So this was a bug having low priority and low severity.

Justification: Priority of the bug was low as the chances of accessing that help file was less.

Severity of the bug was low as it was not affecting any functionality.

## ❖ **Medium Priority Medium Severity**

In our application we have Account Profile Report which was giving us Revenue related information for the given Subsidiary, Date and Products filter. But for the selected date it was showing wrong revenue. So it was a bug having Medium Priority and Medium Severity.

Justification: Priority and severity of the bug was Medium because it was affecting the main functionality.

## 74. What is Bug Report?

Bug Report will give you the information about

How many bugs we logged? How many of them are in Proposed State? How many of them are in Active State? How many of them are closed? How many of them are Re-opened? How many of them are rejected? Bugs by Severity? Bugs by priority?

## 75. What is the Format of Bug Report?

Bug Report is a report which we send daily to our managers.

### ○ Bug Report:

Total Bugs Logged	Proposed Bugs	Active Bugs	Re-Opened Bugs	Resolved Bugs	Closed Bugs
43	10	1	1	2	29



## 76. What is an issue/Defect/Bug? Or what is mean by Defect or Bug?

- **Error:** If the Expected Output is not matching with the Actual Output then it's an Error.
- **Bug:** If the error is found during testing phase then we called it as a Bug.
- **Defect:** If the error is found by customer after release of the application then we called it as a defect.
- **Issue:** If we are expected something from the application and if we are not getting that then we called it as an issue.

E.g. when user runs a report he is expecting to see some data, but he is not able to get any data. He then called it as an Issue as the user is not sure that whether this is a defect or not?

77. If today we have the release and the end of testing we found one bug which crashes the application then should we Release it or not?

If the application is crashing then it's a S1P1 issue and we cannot give the test signoff unless that S1P1 bug resolved. So here we need to postpone the release.

## 78. What is scrum?

A scrum is a process for implementing Agile methodology. In scrum, time is divided into sprints and on completion of sprints, a deliverable is shipped.

79. Who Assign the Severity to the defect and who assigns the Priority to that Defect?

Normally Tester Assign the Severity to the defect and Project Owner assigns the Priority to that defect. But In our company we only assign the Priority.

## 80. You have logged a defect but it is not reproducible to the developer, please specify the reason.

The Reason may be...

- the reproducible steps are not clear
- the role of the developer on that application may be different than the tester e.g. developer may have guest user role and tester may test it with system administrator role
- some of the services may be down while testing which causes the error on test environment
- Environmental issue e.g. the environment on which user is testing may be differing than where developer is trying to reproduce the defects.
- Some other software in the test environment may create a problem to our testing application which may not be the case with developer machine
- Some of the sql jobs may failed in the test environment which causes a problem to test environment but that may not be the case with the dev environment.