

Top 20 Agile Testing Interview Questions | Software Testing Material

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Agile Testing Interview Questions:

Agile Testing Interview Questions will help you to prepare for Agile Testing interviews.

Here is the list of 20 Agile Testing interview questions.

Agile Testing Interview Questions 1 – 10:

1. What is Agile Testing?

Agile testing is a software testing practice that follows the principles of an agile software development. It is an iterative software development methodology where requirements keep changing as per the customer needs. Testing is done in parallel to the development of an iterative model. Test team receives frequent code changes from the development team for testing an application.

2. What is Agile Manifesto?

Agile manifesto defines 4 key points:

- i. Individuals and interactions over process and tools
- ii. Working software over comprehensive documentation
- iii. Customer collaboration over contract negotiation
- iv. Responding to change over following a plan

3. What are the principles of Agile Software Development?

1. Highest priority is to satisfy the customer through early and continuous delivery of business valuable software
2. Welcome changing requirements, even late in development
3. Deliver working software frequently
4. Business people and developers must work together with transparency on daily basis throughout the project
5. Build projects around motivated individuals
6. The best form of communication is to do face-to-face conversation
7. Working software is the primary measure of progress
8. Able to maintain a constant pace
9. Continuous attention to technical excellence
10. Simplicity – the art of maximizing the amount of work not done – is essential
11. Self-organizing teams
12. At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly

4. What are the main roles in Scrum?

Scrum consists of three main roles:

Product Owner: Product Owner usually represents the Client and acts as a point of contact from Client side. The one who prioritizes the list of Product Backlogs which Scrum Team should finish and release.

Scrum Master: Scrum Master acts as a facilitator to the Scrum Development Team. Clarifies the queries and organizes the team from distractions and teach the team how to use scrum and also concentrates on Return on Investment (ROI). Responsible for managing the sprint.

Scrum Development Team: Developer's, QA's. Who develops the product. Scrum development team decides the effort estimation to complete a Product Backlog Item.

Scrum Team: A cross-functional, self-organizing group of dedicated people (Group of Product Owner, Business Analyst, Developer's and QA's). Recommended size of a scrum team is 7 plus or minus 2 (i.e, between 5 to 9 members in a team).

5. What approach do you follow when requirements change continuously?

In Agile methodology, change in requirement is possible. It's not like other traditional methodologies where the requirements are locked down at the requirement phase. Every team member should be ready to handle the changes in the project.

The team should work closely with the Product Owner to understand the scope of requirement change and to negotiate to keep the requirement changes to a minimum or to adopt those changes in next sprint. Based on the requirement changes Test Team could update the Test Plan and Test Cases to achieve the deadlines. The team should understand the risk in the requirement change and prepare a contingency plan. It is a best practice not to go for the automation process until requirements are finalized.

6. How is Agile Testing different to other traditional Software Development Models?

It is one of the common Agile Testing Interview Questions.

In Agile Methodology, testing is not a phase like other traditional models. It is an activity parallel to development in the Agile. The time slot for the testing is less in the Agile compared to the traditional models. The testing team works on small features in Agile whereas the test team works on a complete application after development in the traditional models.

Must Read: [Software Development Life Cycle And Types of SDLC](#)

7. When do we use Agile Scrum Methodology?

- i. When the client is not so clear on requirements
- ii. When the client expects quick releases
- iii. When the client doesn't give all the requirements at a time

8. What is a Sprint?

In Scrum, the project is divided into Sprints. Each Sprint has a specified timeline (2 weeks to 1 month). This timeline will be agreed by a Scrum Team during the Sprint Planning Meeting. Here, User Stories are split into different modules. The end result of every Sprint should be a potentially shippable product.

9. What are Product Backlog and Sprint Backlog?

Product Backlog: Product Backlog is a repository where the list of Product Backlog Items stored and maintained by the Product Owner. The list of Product Backlog Items are prioritized by the Product Owner as high and low and also could re-prioritize the product backlog constantly.

Sprint Backlog: Group of user stories which scrum development team agreed to do during the current sprint (Committed Product Backlog items). It is a subset of the product backlog.

10. What is the difference between Burn-up and Burn-down chart?

Burn Down Charts provide proof that the project is on track or not. Both burn-up and burn-down charts are graphs used to track the progress of a project.

Burn-up charts represent how much work has been completed in a project whereas Burn-down chart represents the remaining work left in a project.

Check below video to see “Agile Testing Interview Questions”

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Agile Testing Interview Questions 11 – 20:

11. What are the types of burn-down charts?

There are four popularly used burn down charts in Agile.

- i. Product burn down chart
- ii. Sprint burn down chart
- iii. Release burn down chart
- iv. Defect burn down chart

12. What is Product Burn down Chart?

A graph which shows how many Product Backlog Items (User Stories) implemented/not implemented.

13. What is Sprint Burn down Chart?

A graph which shows how many Sprints implemented/not implemented by Scrum Team.

14. What is Release Burn down Chart?

A graph which shows List of releases still pending, which Scrum Team have planned.

15. What is Defect Burn down Chart?

A graph which shows how many defects identified and fixed.

16. What is a Daily Stand-up Meeting?

Daily Stand-up Meeting is a daily routine meeting. It brings everyone up to date on the information and helps the team to stay organized.

Each team member reports to the peers the following:

1. What did you complete yesterday?
2. Any impediments in your way?
3. What do you commit to today?
4. When do you think you will be done with that?

In general, it's not a recorded meeting. Reporting will be between peers not to Scrum Master or Product Owner. It is normally timeboxed to a maximum of 15 minutes. It is aka 15 Minute Stand-up Meeting.

Here is a screenshot from Slack Application on daily standup meeting.

17. What is a Sprint Planning Meeting?

The first step of Scrum is Sprint Planning Meeting where the entire Scrum Team attends. Here the Product Owner selects the Product Backlog Items (User Stories) from the Product Backlog.

Most important User Stories at the top of the list and least important User Stories at the bottom. Scrum Development Team decides and provides the effort estimation.

18. What is a Sprint Review Meeting?

In the Sprint Review Meeting, Scrum Development Team presents a demonstration of a potentially shippable product. Product Owner declares which items are completed and not completed. Product Owner adds the additional items to the product backlog based on the stakeholder's feedback.

19. What is a Sprint Retrospective Meeting?

Scrum Team meets again after the Sprint Review Meeting and documents the lessons learned in the earlier sprint such as "What went well", "What could be improved". It helps the Scrum Team to avoid the mistakes in the next Sprints.

20. What is a Task Board?

A task board is a dashboard which illustrates the progress that an agile team is making in achieving their sprint goals.

In general, the columns used in a task board are as follows

- i. User Story: Actual Business Requirement (Description)
- ii. To Do: All the tasks of current sprint
- iii. In Progress: Any task being worked on
- iv. To Verify: Tasks pending for verification
- v. Done: Tasks which are completed