

## MCQ Test for Alice Smith

**1. Which of the following best describes Playwright in test automation?**

- a) A load-testing tool
- b) A cross-browser testing framework
- c) A Java-based test framework
- d) A CI/CD deployment tool

**2. In Playwright, which method is used to take a screenshot of a webpage?**

- a) `page.capture()`
- b) `page.screenshot()`
- c) `page.snapshot()`
- d) `page.takeScreenshot()`

**3. What is the primary purpose of CI/CD pipelines?**

- a) To ensure manual testing is minimized
- b) To automate building, testing, and deployment of code
- c) To manage server configurations
- d) To replace the need for software engineers

**4. In Java, which keyword is used to define a constant variable?**

- a) `final`
- b) `const`
- c) `static`
- d) `immutable`

**5. Which of these is NOT a benefit of BDD (Behavior-Driven Development)?**

- a) Improved collaboration between teams
- b) Automated test generation from user stories
- c) Elimination of the need for unit tests
- d) Better alignment with business goals

**6. In CI/CD, what is the role of a "staging environment"?**

- a) It is used for final testing before production deployment
- b) It is used to store unused code branches
- c) It is an early development environment
- d) It is used to monitor server health

**7. What is the primary function of GraphQL?**

- a) A NoSQL database
- b) A REST API replacement allowing flexible queries
- c) A front-end styling framework
- d) A security testing tool

**8. In Java, what does the 'try-catch' block handle?**

- a) Compilation errors
- b) Logical errors
- c) Exceptions at runtime
- d) Memory leaks

**9. Which cloud provider offers AWS Lambda?**

- a) Google Cloud
- b) Microsoft Azure
- c) Amazon Web Services
- d) IBM Cloud

**10. What is the main advantage of accessibility testing?**

- a) It speeds up development
- b) It ensures software is usable for people with disabilities
- c) It replaces functional testing
- d) It improves cybersecurity