

Comprehension Check

In this section, you will be applying what you learned. Choose the best answer.

Atomic tests are focused on testing one specific part of the software

- True

Atomic tests are quick and focused

- True

Atomic tests ensure that each component works right before putting them all together

- True

Atomic tests are complex to set up and maintain

- False

Atomic tests promote modular design and ensure components work independently

- True

Which of the following is a benefit of independent tests?

- • They make debugging and troubleshooting easier.

7. Which of the following statements is true about autonomous tests?

- Autonomous tests can be run simultaneously without conflicts.

8. Why is it important to separate setup and teardown steps from the test itself? • It reduces the execution time of the test.

- • It ensures that the test passes without any issues.

9. What is the purpose of the teardown step in testing?

- To clean up resources and restore the environment after the test.