

Section 2: Integration of JUnit 5 with external frameworks

Congratulations on completing section 2!!! Let's assess your learning now. Here, are a few questions, followed by options, out of which one is a correct option. Select the right option and validate your learning!

The answers are provided in a separate sheet

Q1. Which annotation is typically used to identify the system under test (SUT) in a unit test with Mockito?

- a. @Mock
- b. @InjectMocks
- c. @Spy
- d. @SystemUnderTest

Q2. The extension needed to integrate the spring-test capabilities into JUnit 5's Jupiter programming model (called SpringExtension) is available in Spring as of version 4.

- a. True
- b. False

Q3. Which annotations should be used to test a Spring Boot based application with JUnit 5?

- a. Only @ExtendWith(SpringExtension.class)
- b. Only @SpringBootTest
- c. @ExtendWith(SpringExtension.class) and @ContextConfiguration
- d. @ExtendWith(SpringExtension.class) and @SpringBootTest

Q4. Selenium WebDriver provides the ability of driving different types of browser automatically using different programming languages (e.g. Java)?

- a. True
- b. False

Q5. What is the name of the open source project which provides a JUnit 5 extension for Selenium WebDriver?

- a. selenium-jupiter
- b. selenium-grid
- c. selenium-junit5
- d. appium

Q6. What is the name of the language used in Cucumber to define acceptance test?

- a. Java
- b. Gherkin
- c. Python
- d. JavaScript

Q7. Which annotation is required to integrate Cucumber and JUnit 5?

- a. `@ExtendWith(CucumberJUnit5.class)`
- b. `@ExtendWith(CucumberExtension.class)`
- c. `@ExtendWith(CucumberJUnit.class)`
- d. `@ExtendWith(CucumberIntegration.class)`

Q8. What is the name of the Docker component responsible for creating and running containers?

- a. Docker Engine
- b. Docker Machine
- c. Docker Hub
- d. Docker Runner

Q9. Which one of the following tools allows to emulate Android devices?

- a. Android Software Development Kit (SDK)
- b. Android Manager
- c. Android Virtual Device (AVD)
- d. Android Studio

Q10. The open source library REST Assured can be used integrated in the Jupiter programming model using a JUnit 5 extension.

- a. True
- b. False