

Unit Testing

Total points 9/10

Theoretical test for unit testing with Python - OOP

✓ 1. What type of tests are used for testing the smallest components in our code? *1/1

- ☐ Integration tests
- ☒ Unit tests
- ☐ E2E tests
- ☐ Regression tests



✓ 2. Which is the build in library for unit tests in Python? * 1/1

- ☒ unittest
- ☐ pytest
- ☐ playwright
- ☐ selenium



✓ 3. What does 3A pattern stand for? *

1/1

- ☐ Add, Append, Asume
- ☐ Act, Arrange, Assert
- ☐ Arrange, Append, Assert
- ☒ Arrange, Act, Assert



✓ 4. What is a Test Fixture? *

1/1

- ☐ A set of conditions used to determine if a system works correctly
- ☐ A collection of testcases used to test software if it has some specified set of conditions
- ☒ A baseline for running tests to ensure there is a fixed environment in which tests are run so that results are repeatable
- ☐ A component that sets up execution of tests and provides the outcome to the user



✗ 5. What is a Test Case? *

0/1

- ☐ A collection of testcases used to test software if it has some specified set of conditions
- ☐ A baseline for running tests to ensure there is a fixed environment in which tests are run so that results are repeatable
- ☒ A component that sets up execution of tests and provides the outcome to the user ✗
- ☐ None of the above

Correct answer

- ☒ None of the above

✓ 6. What method do we use to check if an expected result of type string is the same as the actual result from type string? *1/1

- ☐ assertTrue
- ☐ assertNotEqual
- ☐ assertFalse
- ☒ assertEquals ✓



✓ 7. What is mocking? *

1/1

- ☐ A unit testing library in python
- ☒ A way to simulate a third party service in our app
- ☐ A method that sets up our data before every test
- ☐ None of the above

✓

✓ 8. What does the setUp method do? *

1/1

- ☐ Creates a test case
- ☐ Creates a test suite
- ☒ Sets up data before every test case is runned
- ☐ Sets up data only before the first test case

✓

✓ 9. What class should we inherit in our test class in order to make it a test suite? *1/1

- ☐ Test
- ☐ unittest
- ☒ TestCase
- ☐ unittest

✓



✓ 10. Where are tests usually written? *

1/1

- ☐ In the same file as the code that we are testing
- ☒ In a different module
- ☐ In a different project
- ☐ None of the above



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