

1. Which of the following is not true about Test-driven development?

1 / 1 point

- ☐ In TDD, the requirements and standards are highlighted from the beginning.
- ☒ Test-driven development can only have one cycle of testing and error correction.
- ☐ It ensures that the entire code is covered for testing.
- ☐ The process can also be called Red-Green refactor cycle.

✓ **Correct**

Correct! The test-driven development can have more than one cycle of testing and error correction

2. Which of the following is a built-in package for testing in Python?

1 / 1 point

- ☒ Pyunit or unittest
- ☐ Selenium
- ☐ PyTest
- ☐ Robot Framework

✓ **Correct**

Correct! The built-in package is called a Pyunit or unittest.

3. Which of the following is an important keyword in Python used for validation while doing Unit testing?

1 / 1 point

- ☐ async
- ☐ yield
- ☒ assert
- ☐ lambda

✓ **Correct**

Correct! Assert equates to the boolean result of the statements.

4. Which of the following "V's" is not identified as a main characteristic of Big Data?

1 / 1 point

- ☐ Volume
- ☒ Variety
- ☐ Variability
- ☐ Velocity

✓ Correct

Correct! Variety is not identified as a main characteristic of Big Data.

5. What will be the output of the following piece of code:

1 / 1 point

```
1 from math import pi
2 print(math.pi)
```

- ☐ ImportError: No module named math
- ☐ There will be no output
- ☒ NameError: name 'math' is not defined
- ☐ 3.141592653589793

✓ Correct

Correct! This is the correct output of the code.

6. Which of the following is NOT primarily a package used for Image processing or data visualization?

1 / 1 point

- ☐ OpenCV
- ☐ Seaborn
- ☐ Matplotlib
- ☒ Scrapy

✓ Correct

Correct! Scrapy is used for web scraping.

7. \_\_\_\_\_ is/are the default package manager(s) for installing packages in Python.

1 / 1 point

- ☐ Built-in Module
- ☐ Python Package Index (pypi)
- ☐ Python Standard Library
- ☒ pip

✓ **Correct**

Correct! Pip is the default package manager for installing packages in Python.

8. If you are working on some codeblock, which of the following can be 'imported' in it from external source?

1 / 1 point

Select all that apply.

☒ Functions

✓ **Correct**

Correct! You can import functions in a codeblock.

☒ Packages

✓ **Correct**

Correct! You can import packages in a codeblock.

☒ Modules

✓ **Correct**

Correct! You can import modules in a codeblock.

☒ Variables

✓ **Correct**

Correct! You can import variables in a codeblock.