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1. The prefix to the filename where you write the test cases is:

1 / 1 point

- ☐ It has not prefix
- ☐ function_test
- ☒ test
- ☐ unit_test

✓ Correct

The name of the file has **test** appended or prepended to identify it as a unit testing file.

2. The python code will throw runtime error if pylint is not run before executing the file.

1 / 1 point

- ☒ False
- ☐ True

✓ Correct

3. In accordance with pylint which of the following is valid method name

1 / 1 point

- ☐ getUsername()
- ☒ get_user_name
- ☐ GetUserName
- ☐ GET_USER_NAME

✓ Correct

This naming convention is called the snake case. This is recommended readable convention for methods.

4. Your code has the following method.

1 / 1 point

```
def returnString():  
    return "Hello"
```

What will be the outcome of the test?

```
assertNotEqual(returnString(), "How are you", "They are equal")
```

- ☒ The test will pass.
- ☐ The test will fail.
- ☐ The code will throw runtime error as the values are not equal
- ☐ The test will not run as the method name does not qualify in static code analysis.

✓ Correct

assertNotEqual tests for inequality

5. To package a python script in a package to be able to import and use it, which of the following is required.

1 / 1 point

- ☐ A folder with server.py
- ☒ The python script should be packaged in a directory with `__init__.py` in the same directory
- ☐ `import sys` as the first line of code in the python script.
- ☐ The methods in the script should be defined as public method

✓ Correct

6. Which of the following is correct about Flask?

1 / 1 point

- ☐ It is a full-stack application framework
- ☒ It is a micro web framework
- ☐ It is a database framework
- ☐ It is an external Java framework

✓ **Correct**

Flask is a micro web framework that can help create basic web applications



7. Which of the following methods are supported in an API endpoint created with Flask?

1 / 1 point

- 1. GET
- 2. AUTHENTICATE
- 3. POST
- 4. DELETE

- ☐ Only 1 and 4
- ☒ Only 1,3 and 4
- ☐ Only 1,2 and 3
- ☐ All 4 are supported.

✓ **Correct**

Correct. GET, POST, PUT, UPDATE and DELETE are the methods supported in API end points.



8. What is the below line of code referred to as?

1 / 1 point

```
@app.route("/name")
```

- ☐ Method definition
- ☒ Route decorator
- ☐ Get Request
- ☐ Flask method

✓ **Correct**

Correct. Also note, that one method can have more than one Route decorator.

9. One method can have only one route decorator. True or False?

1 / 1 point

- ☐ True
- ☒ False

✓ **Correct**

Correct. Many routes can be bound to one method.



10. Which of the following is true about the following line of code?

1 / 1 point

```
@api.route("/records/<name>",methods=["POST","GET"])
```

- ☒ This end-point supports get requests

✓ **Correct**

- ☒ This end-point supports post requests

✓ **Correct**

- ☐ This end-point supports update requests

- ☒ The value of **name** is variable.

✓ **Correct**

