

1. Which came first, the instance or the class?

- ☐ function
- ☐ instance
- ☐ method
- ☒ class

1 point

2. In Object Oriented Programming, what is another name for the "attributes" of an object?

- ☒ fields
- ☐ messages
- ☐ forms
- ☐ portions
- ☐ methods

1 point

3. At the moment of creation of a new object, Python looks at the \_\_\_\_\_ definition to define the structure and capabilities of the newly created object.

- ☐ instance
- ☐ constructor
- ☒ class
- ☐ method
- ☐ cache

1 point

4. Which of the following is **NOT** a good synonym for "class" in Python?

- ☐ template
- ☒ direction
- ☐ pattern
- ☐ blueprint

1 point

5. What does this Python statement do if PartyAnimal is a class?

1 point

```
1 zap = PartyAnimal()
```

- ☐ Clear out all the data in the PartyAnimal variable and put the old values for the data in zap
- ☒ Use the PartyAnimal template to make a new object and assign it to zap
- ☐ Subtract the value of the zap variable from the value in the PartyAnimal variable and put the difference in zap
- ☐ Copy the value from the PartyAnimal variable to the variable zap

1 point

6. What is the syntax to look up the fullname attribute in an object stored in the variable colleen?

- ☐ colleen::fullname
- ☐ colleen->fullname
- ☐ colleen['fullname']
- ☒ colleen.fullname

1 point

7. Which of these statements is used to indicate that class A will inherit all the features of class B?

- ☐ class A extends B :
- ☐ A=B++;
- ☒ class A(B) :
- ☐ class A inherits B :
- ☐ class A instanceof B :

1 point

8. What keyword is used to indicate the start of a method in a Python class?

- ☐ break
- ☒ def
- ☐ function
- ☐ continue

1 point

9. What is "self" typically used for in a Python method within a class?

- ☐ To terminate a loop
- ☒ To refer to the instance in which the method is being called
- ☐ To set the residual value in an expression where the method is used
- ☐ The number of parameters to the method

1 point

10. What does the Python `dir()` function show when we pass an object into it as a parameter?

- ☒ It shows the methods and attributes of the object
- ☐ It shows the number of parameters to the constructor
- ☐ It shows the type of the object
- ☐ It shows the parent class

1 point

11. Which of the following is rarely used in Object Oriented Programming?

- ☐ Constructor
- ☐ Attribute
- ☒ Destructor
- ☐ Method

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