



## Congratulations! You passed!

TO PASS 80% or higher

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100%

## Object Oriented Python

TOTAL POINTS 9

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

1 / 1 point

- ☐ instance
- ☒ class

✓ Correct

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

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

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

✓ Correct

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

1 / 1 point

- ☐ \$colleen->\$fullname
- ☐ \$colleen::fullname
- ☐ \$colleen->fullname
- ☐ . . . . .

☐ \$colleen["fullname"]

☒ colleen.fullname

✓ Correct

6. Which of the following statements are used to indicate that class A will inherit all the features of class B?

1 / 1 point

☐ class A inherits B:

☒ class A(B):

☐ class A extends B:

☐ class A instanceof B:

✓ Correct

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

1 / 1 point

☒ 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

☐ To terminate a loop

☐ To retrieve the number of parameters to the method

✓ Correct

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

1 / 1 point

☐ It shows the parent class

☐ It shows the type of the object

☒ It shows the methods and attributes of an object

☐ It shows the number of parameters to the constructor

✓ Correct

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

1 / 1 point

☒ Destructor

☐ Inheritance

☐ Attribute

☐ Method

☐ Constructor

✓ Correct