Object Oriented Python

Total points 9

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

1 / 1 point

- ● class
- ○ instance

✓ **Correct**

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

1 / 1 point

- ○ messages
- ● fields
- ○ portions
- ○ methods
- ○ forms

✓ **Correct**

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

1 / 1 point

- ○ blueprint
- ○ template
- ● direction
- ○ pattern

✓ **Correct**

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

1 / 1 point

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

- ○ Subtract the value of the zap variable from the value in the PartyAnimal variable and put the difference in zap
- ● 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

✓ **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 extends B:
- ◯ class A instanceOf B;
- ◯ class A inherits B:
- ⦿ class A(B):

✓ **Correct**

7. What is "self" typically used for in a Python method within a class?   `1 / 1 point`

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

✓ **Correct**

S

8. What does the Python dir() function show when we pass an object into it as a parameter?   `1 / 1 point`

- ◯ It shows the type of the object
- ◯ It shows the parent class
- ◯ It shows the number of parameters to the constructor
- ⦿ It shows the methods and attributes of an object

✓ **Correct**

9. Which of the following is rarely used in Object Oriented Programming?　　　　　　1 / 1 point

- ◉ Destructor
- ○ Inheritance
- ○ Constructor
- ○ Method
- ○ Attribute

✓ **Correct**

Generic Views

Total points 10

1. In the class django.views.generic.list.ListView, which of the following methods is called earliest in the process?　　　1 / 1 point

- ◉ get_template_names()
- ○ get_queryset()
- ○ get_context_data()
- ○ render_to_response()

✓ **Correct**

2. In the class django.views.generic.list.ListView, which of the following methods is called latest in the process?　　　1 / 1 point

- ○ get_template_names()
- ○ get_queryset()
- ○ get_context_data()
- ◉ render_to_response()

✓ **Correct**

3. In the class django.views.generic.detail.DetailView, which of the following methods is called earliest in the process?　　　1 / 1 point

- ◉ dispatch()
- ○ get_queryset()
- ○ get_object()
- ○ render_to_response()

✓ **Correct**

4. In the class django.views.generic.detail.DetailView, which of the following methods is called latest in the process?   **1 / 1 point**

○ dispatch()

○ get_queryset()

○ get_object()

◉ render_to_response()

✓ **Correct**

5. By convention when using an app_name of "abc" and a model of "Dog", if you use a View that extends   **1 / 1 point**
django.views.generic.detail.DetailView, what is the file name that will be used for the template?

◉ templates/abc/dog_detail.html

○ templates/abc/dog_detail.djtl

○ templates/dog_detail.djtl

○ templates/doc/abc_detail.djtl

✓ **Correct**

6. If you want to override the template name chosen by convention in a View that extends   **1 / 1 point**
django.views.generic.detail.DetailView, what is the name of the class attribute variable that you use?

◉ template_name

○ template

○ template_override

○ template_extend

✓ **Correct**

7. By convention when using an app_name of "abc" and a model of "Dog", if you use a View that extends   **1 / 1 point**
django.views.generic.list.ListView, what is the name of the context variable that will include all the Dog objects in
the template when it is being rendered?

◉ dog_list

○ dogs

○ dogs_select

○ dogs.values()

✓ **Correct**

8. For the following line in a views.py file

1/1 point

```
1    class ArticleListView(ListView):
```

what is the best description of "ListView"?

- ⦿ The class that is being extended
- ◯ The class that is being created
- ◯ The name of a view function
- ◯ The first parameter to the render() method

✓ **Correct**

9. For the following line in a views.py file

1 / 1 point

```
1    class ArticleListView(ListView):
```

what is the best description of "ArticleListView"?

- ◯ The class that is being extended
- ⦿ The class that is being created
- ◯ The name of a view function
- ◯ The first parameter to the render() method

✓ **Correct**

10. For the following line in a urls.py file

1 / 1 point

```
1    urlpatterns = [
2    path('', TemplateView.as_view(template_name='gview/main.html'))
```

where would you find the actual code for TemplateView?

- ⦿ In the Django source
- ◯ In views.py
- ◯ In settings.py
- ◯ In urls.py

✓ **Correct**