

1. Which of the following sentences about templates are true? Select all that apply.

1 / 1 point

☒ A template is a web page that has blocks of template language syntax inside the HTML script.

✓ **Correct**

Correct! The blocks of Django Template Language render dynamic content on the web page.

☐ A template extracts the data from a model and generates a dynamic page.

☒ A template helps to include conditional processing logic in a web page.

✓ **Correct**

Correct! The `{% if %}` tag allows a conditional logic to be put in the HTML script.

☐ A template is the data layer of the application.

2. The view function loads a template and fills the context data in it.

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☒ True

☐ False

✓ **Correct**

Correct! The view function loads the template by calling the `render()` function.

3. Which of the following tags are used for implementing template inheritance? Select all that apply.

0 / 1 point

☒ `{% extends %}`

✓ **Correct**

Correct! The `{% extends %}` tag uses the named template as the base template.

☐ `{% include %}`

☐ `{% block %}`

☐ `{% endfor %}`

You didn't select all the correct answers

4. True or false. To implement template inheritance, the parent template must have the name `base.html`.

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☐ True

☒ False

✓ **Correct**

Correct! The parent template may have any name and must be used in the `{% extends %}` tag of the child template.

5. In which module is the `render()` function defined?

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☐ `django.urls`

☒ `django.shortcuts`

☐ `django.db`

☐ `django.contrib`

✓ **Correct**

Correct! The `render()` function is defined in the `django.shortcuts` module.

6. Which of the following template filters returns a `titlecase` representation of a string?

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**Hint:** `titlecase` makes words start with an uppercase character and the remaining characters lowercase.

- ☐ `upper`
- ☐ `lower`
- ☒ `title`
- ☐ `length`

✓ **Correct**

Correct! The title tag returns the titlecased string.

7. Putting one loop inside another is called nesting of loops. Can you use nested loops in a template?

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- ☒ Yes
- ☐ No

✓ **Correct**

Correct! Nested for loops can be used in a template.

8. Complete the sentence. The view function passes a \_\_\_\_\_ as the context data to a template.

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- ☐ Python list
- ☐ Python string
- ☒ Python dict
- ☐ Python tuple

✓ **Correct**

Correct! The context passed to the template must be a `dict` object.

9. What are the advantages of a class-based view? Select all that apply.

1 / 1 point

☒ Code reusability

✓ **Correct**

Correct! Class-based views implement the DRY principle.

☒ Extensible code

✓ **Correct**

With the principle of class inheritance, class-based view functionality can be extended.

☐ Class-based views are simple to implement

☐ Implicit code flow

10. Suppose that a Django app named `myapp` has the `Employee` model. Which of the following statements about the generic `ListView` class are correct? Select all that apply.

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☒ A generic `ListView` class must be named `EmployeeList`

✓ **Correct**

Correct! The class name is made up of the model's name appended by the generic view name.

☐ A generic `ListView` class should set the model attribute to `myapp_Employee`

☒ A generic `ListView` class lists all the rows in the `Employee` table

✓ **Correct**

Correct! The `ListView` is used to render the list of all records in a table.

☒ A generic `ListView` class needs a template named `EmployeeList.html`

✓ **Correct**

Correct! The template with the name `<name-of-model>List.html` should be available in the templates folder.