

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

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

☒ Correcto
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.

☒ Correcto
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

☒ Correcto
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.

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☒ `{% extends %}`

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

☐ `{% include %}`

☒ `{% block %}`

☒ Correcto
Correct! The `{% block %}` tag marks the inheritable content in the parent template.

☐ `{% endfor %}`

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

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- ☐ True
☒ False

✓ Correcto
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**

✓ Correcto
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**

✓ Correcto
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

✓ Correcto
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

✓ Correcto
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.

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☒ Code reusability

✓ Correcto
Correct! Class-based views implement the DRY principle.

☒ Extensible code

✓ Correcto
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**

✓ Correcto
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

✓ Correcto
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

✓ Correcto

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