

1. While using the **include** tag, there is no shared state between included templates. 0 / 1 punto

- ☐ True
☒ False

⊗ Incorrecto
Not quite. Please review the video *Template inheritance* in Module 4, Lesson 2, *Working with Templates*.

2. Which of the following tags in the Django template language are relevant to the Template Inheritance? Select all that apply. 1 / 1 punto

☒ **include**

✓ Correcto
Correct! Include tag is used to render sub-templates along with the HTML.

☐ **static**

☐ **csrf_token**

☒ **extends**

✓ Correcto
Correct! The extends tag allows you to replace blocks or content from a parent template.

3. Which challenges are faced by a developer specifically while debugging code inside web applications? Select all that apply. 0 / 1 punto

☒ Incomplete understanding of data structures

⊗ Esto no debería estar seleccionado
Not quite. Please review the video *Debugging Django applications* in Module 4, Lesson 3, *Debugging and Testing*.

☒ Interlinked files

✓ Correcto
Correct! Web frameworks have interlinked files. For example, in Django, URL configs are connected to the views and are challenging to troubleshoot.

☐ Lack of debugger tool inside IDE such as VS Code

☒ Package dependencies

✓ Correcto
Correct! The dependencies of packages may have conflicting versions as external libraries and tools are added, and each requires a different version.

4. Which of the following are the advantages of using Function-based views?

0 / 1 punto

- ☐ Explicit code flow
- ☐ Code reusability
- ☒ Use of decorators

☒ Correcto
Correct! The decorators '@' are types of helper functions and can be used to extend the functionality of Function-based views.

☒ Code can be extended to include more functionalities.

☒ Esto no debería estar seleccionado
Not quite. Please review the reading *Subclassing Generic Views* in Module 4, Lesson 3, *Debugging and Testing*.

5. Which package provides Django's authentication and authorization system?

1 / 1 punto

- ☐ `django.core.wsgi`
- ☒ `django.contrib.auth`
- ☐ `django.apps`
- ☐ `django.contrib.admin`

☒ Correcto
Correct! The `django.contrib.auth` package provides authentication and authorization support.

6. When performing migrations, what is the expected output produced if you run the following query on the command line?

0 / 1 punto

```
1 python3 manage.py sqlmigrate
```

- ☐ It will show the SQL queries run during the migrations.
- ☒ It will run the SQL queries required to perform migrations.
- ☐ It will show the operations and dependencies performed in migrations.

☒ Incorrecto
Not quite. Please review the reading *How to use migrations* in Module 3, Lesson 1, *Models and Migrations*.

7. Which of the following are the built-in path converters used for URL configuration in Django? Select all that apply.

0 / 1 punto

- ☐ float
- ☐ boolean
- ☒ path



Correcto

Correct! Path matches any non-empty string, including the path separator, '/'.

- ☐ str
- ☐ slug

No seleccionaste todas las respuestas correctas

8. What special character matches zero or more characters while using Regular Expressions?

1 / 1 punto

- ☐ ^ (caret)
- ☒ * (star)
- ☐ + (plus)
- ☐ # (hash)



Correcto

Correct! The star (*) character will match all strings containing zero or more characters of the type defined.

9. Using the helper function in Django, which of the following is valid code to create a new user in Django?

1 / 1 punto

Note: **mario** is the username, **pass@123** is the password and **mario@littlelemon.com** is the email address.

☐ 1 `User.objects.create_user('mario', 'pass@123', ' mario@littlelemon.com ')`

☐ 1 `User.objects.create_user('mario@littlelemon.com ', 'mario', 'pass@123')`

☒ 1 `User.objects.create_user('mario', 'mario@littlelemon.com', 'pass@123')`

☐ 1 `Mario.objects.create_user('mario@littlelemon.com ', 'pass@123')`

☒ Correcto
Correct! The appropriate order of passing arguments inside the `create_user()` function is username, email and password.

10. Regarding user experience when building a website, the Menu information needs to be present on all pages. What are some advantages of placing that menu inside the header section inside a template? Select all that apply. 0 / 1 punto

☒ Easy navigation

☒ Correcto
Correct! The menu bar in the header is accessible on all pages and provides easy navigation.

☒ Good user interface

☒ Correcto
Correct! A menu bar with good styling inside the header template will ensure better consistency and presentation for the end user.

☐ Makes the webpage more secure

☒ Efficient memory management

☒ Esto no debería estar seleccionado
Not quite. Please review the video *Template inheritance* in Module 4, Lesson 2, *Working with Templates*.

☒ Consistency

☒ Correcto
Correct! The consistency of the menu bar on all pages makes it easy to find and access.