

Code Understanding Test – Todo List

1. Email *

2. **What does the `get_queryset()` method in a Django `ListView` typically return?**

1 point

Mark only one oval.

- ☐ A. An HTML template
- ☐ B. A form object
- ☐ C. A filtered set of model instances
- ☐ D. A single object by primary key
- ☐ E. Don't know

3. Why would you use `'-created_at'` in a Django query?

1 point

Mark only one oval.

- ☐ A. To delete objects by creation time
- ☐ B. To sort objects by newest first
- ☐ C. To filter only old tasks
- ☐ D. To create a new field
- ☐ E. Don't Know

4. **Which method is used to safely fetch an object or return a 404 if it doesn't exist?**

1 point

Mark only one oval.

- ☐ A. get()
☐ B. filter()
☐ C. get_or_create()
☐ D. get_object_or_404()
☐ E. Don't Know

5. **What is the correct way to get POST data in a Django view?**

1 point

Mark only one oval.

- ☐ A. request.GET['title']
☐ B. request.POST['title']
☐ C. request.data['title']
☐ D. request.form['title']
☐ E. Don't Know

6. **Which redirect pattern is used after a successful POST or DELETE operation in Django?**

1 point

Mark only one oval.

- ☐ A. return render(...)
☐ B. return sendfile(...)
☐ C. return redirect('urlname')
☐ D. return get_object(...)
☐ E. Don't Know

7. **What is the purpose of @login_required in a view?**

1 point

Mark only one oval.

- ☐ A. To block bots from accessing it
- ☐ B. To ensure only logged-in users can access the view
- ☐ C. To hash user passwords
- ☐ D. To reset the database
- ☐ E. Don't Know

8. **What does todo.isCompleted = True do in the context of update()?**

1 point

Mark only one oval.

- ☐ A. Deletes the todo
- ☐ B. Toggles a boolean field
- ☐ C. Creates a new object
- ☐ D. Replaces the title
- ☐ E. Don't Know

9. **What happens if you try to delete a Todo that doesn't exist?**

1 point

Mark only one oval.

- ☐ A. It silently fails
- ☐ B. The page refreshes
- ☐ C. It returns a 404 error
- ☐ D. A new Todo is created
- ☐ E. Don't Know

10. **Which HTTP method is expected for form submissions like adding or updating?**

1 point

Mark only one oval.

- ☐ A. GET
- ☐ B. HEAD
- ☐ C. PUT
- ☐ D. POST
- ☐ E. Don't Know

11. **In which case would you use `HttpResponseRedirect()` instead of `redirect()`?**

1 point

Mark only one oval.

- ☐ A. When sending JSON
- ☐ B. When redirecting using a URL path string instead of a name
- ☐ C. When redirecting to an external website
- ☐ D. When using class-based views
- ☐ E. Don't Know

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