1. What response should a user receive if denied permission due to not being authenticated?

1 / 1 point

○ 501

○ 404

○ 400

◉ 401

⊘ **Correct**
That's correct! The HTTP response of 401 represents an unauthorized call.

2. Which of the following is the best type of authentication for applications that interact with desktop and mobile clients?

1 / 1 point

○ Biometric authentication.

○ Certificate-based authentication

○ Password-based authentication

◉ Token-based authentication

⊘ **Correct**
That's correct! Since tokens can be used on multiple devices, it's the best form of authentication in this situation.

3. Which types of authentication schemes are in-built into the Django REST framework? Select all that apply.   `0.75 / 1 point`

☑ `SessionAuthentication`

> ⊘ **Correct**
> That's correct! The `rest_framework.authentication` module has the `SessionAuthentication` class defined.

☐ `BasicAuthentication`

☑ `TokenAuthentication`

> ⊘ **Correct**
> That's correct! The `rest_framework.authentication` module has the `TokenAuthentication` class defined.

☐ `JWTAuthentication`

> You didn't select all the correct answers

4. True or false: The browsable API provided by DRF allows for all CRUD operations to be performed.   `1 / 1 point`

◉ True

◯ False

> ⊘ **Correct**
> That's correct! DRF does come with a browsable API that allows for all CRUD operations, however other options can be more feature rich.

5. Which of the following is an API testing tool? Select all that apply.   `1 / 1 point`

☑ Curl

> ✓ **Correct**
> That's correct! Curl is a command line tool to test API endpoints.

☑ Postman

> ✓ **Correct**
> That's correct! You can use the Postman app to test API endpoints.

☑ Insomnia

> ✓ **Correct**
> That's correct! Insomnia is a GUI tool to test API endpoints.

☐ Git

6. True or False: To run the unit tests on a Django application, you must install the `unittest` library with `pip`.   `1 / 1 point`

○ True

◉ False

> ✓ **Correct**
> That's correct! The `unittest` module is bundled with Python's standard library. It does not need to be installed.

7. Using _____, we can limit how many records show up on each page and allow users to decide how many records they would like to view at a time.

1 / 1 point

○ modularization

○ throttling

◉ pagination

○ rate limiting

✓ **Correct**
That's correct! Pagination allows users to select how many records they would like to see at a time which lowers the stress on databases.

8. Which of the following environments should we use to avoid possible conflicts with our project dependencies?

1 / 1 point

○ single

◉ virtual

○ segregated

○ global

✓ **Correct**
That's correct! Using a virtual environment allows you to decide which applications are using exactly which dependencies.

9. What method is used to create data in a unit test that can be used to test a model? 1 / 1 point

○ `modelTestData`

○ `unitTestData`

◉ `setupTestData`

○ `classTestData`

✓ **Correct**
That's correct! The `setupTestData` method is part of the `TestCase` class used to prep data used specifically for unit testing.

10. Which of the following defines the process of verifying a user is allowed to view certain data? 1 / 1 point

○ credentials

○ authentication

◉ authorization

○ serialization

✓ **Correct**
That's correct! Authorization is when the system verifies the authenticated user has the proper credentials and access levels to view specific data..