

Qualification	Web Application Development with Python L-04				
Candidate's Name					
Candidate's ID					
Assessment Event	Written & MCQ				
Assessor Name	Rajesh Kumar Das, Md. Shakil				
Assessment Center	Daffodil International Professional Training Institute				
Date of Assessment		Time	40 mins	Marks	40 + 10

01. What is csrf_token?

Answer:

02. What is the difference between create() and create_user()

Answer:

03. How to display dynamic data in templates?

Answer:

04. How do you create a new database record(object) using Django ORM?

Answer:

05. What is @login_required?

Answer:

06. What is __str__() method in models?

Answer:

07. What is the purpose of a URL pattern in Django?

Answer:

08. What does CRUD stand for? What is the difference between null=True and blank=True?

Answer:

09. How do you perform Read operation in Django?

Answer:

10. Explain ForeignKey, OneToOneField, and ManyToManyField

Answer:

Multiple Choice Question

1. Which commands use to create a project in Django?

- A. django-admin createprojectproject_name
- B. django-admin startproject project_name
- C..djangostartprojectproject_name
- D. djangocreateprojectproject_name

2. What is a Django model in the context of web development?

- A. A template engine
- B. A database table representation
- C. A CSS framework
- 4. A JavaScript library

3. Which Django command is used to generate the necessary database schema based on the model?

- A. create_model
- B. make_model
- C. start_model
- D. makemigrations

4. What is the purpose of the auto_now_add option in a Django DateTimeField?

- A. Updates the field to the current timestamp whenever the object is saved
- B. Updates the field to the current timestamp every time the model is accessed
- C. Sets the field to the current timestamp when the object is created
- D. Sets the field to a static timestamp

5. What is the purpose of the get_or_create() method in Django models?

- A. Deletes a record if it exists, otherwise creates a new one
- B. Retrieves a record if it exists, otherwise creates a new one
- C. Retrieves a record if it exists, otherwise returns None
- D. Deletes a record if it exists, otherwise returns None

6. Which method is used to add an element to the end of a list?

- A. add()
- B. insert()
- C. append()
- D. extend()

7. How do you include another template within a Django template?

- A. (% load %)
- B. (% use %)
- C. (% include %)
- D. (% import %)

8. What is the purpose of the pip freeze command in Python?

- A. It installs Python packages.
- B. It lists all installed packages and their versions.
- C. It upgrades the Python interpreter.

D. It uninstalls Python packages.

9. Which of the following is a valid for loop in Python?

- A. for (i = 0; i < 5; i++)
- B. for i to 5
- C. for i in range(5):
- D. foreach i in range(5)

10. How do you access the last element in a list named items?

- A. items[last]
- B. items[-1]
- C. items[1]
- D. items.end()