Moodle - Learning Management System (LMS)

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Grade	**30** out of 35 (**86**%)

Question 1
Complete
Mark 1 out of 1

"makemigrations basically generates the SQL commands for preinstalled apps (which can be viewed in installed apps in settings.py) and your newly created apps' model which you add in installed apps. " Is this statement True or False?

Select one:
- ⦿ True
- ○ False

The correct answer is 'True'.

Question 2
Complete
Mark 1 out of 1

What is the main difference between MVC and MVT?

Select one:
- ○ 1. In MVC View is responsible for authentication and in MVT View is responsible for session management
- ⦿ 2. The main difference between MVC and MVT is that in a Model View Controller pattern, we have to write all the control specific code. But in an MVT, the Controller part is taken care of by the framework itself.
- ○ 3. In MVC model is responsible handling data and in MVT model is responsible for representation of data in HTML format
- ○ 4. In MVC and MVT there is no difference, both are same.

The correct answer is: The main difference between MVC and MVT is that in a Model View Controller pattern, we have to write all the control specific code. But in an MVT, the Controller part is taken care of by the framework itself.

Question 3
Complete
Mark 1 out of 1

{{ value | wordcount }} If value is "Raj is a student from Nirma", the output will be _____.

Select one:
- ○ 1. 22
- ○ 2. 11
- ○ 3. 27
- ⦿ 4. 6

The correct answer is: 6

Question 4

Complete

Mark 1 out of 1

{{ value | divisibleby:"3" }} If value is 22, the output would be _____?

Select one:

○ 1. 0

○ 2. True

○ 3. Null

◉ 4. False

The correct answer is: False

Question 5

Complete

Mark 0 out of 1

Assume the following code snippet: class Post(models.Model): post_heading = models.CharField(max_length=200) post_text = models.TextField() post_author = models.CharField(max_length=100, default='anonymous') def __str__(self): return self.post_heading What is the purpose of __str__() method?

Select one:

◉ 1. It returns the type of object

○ 2. It displays object class

○ 3. It displays the length of the post

○ 4. It will return the name of the post when Post object is printed.

The correct answer is: It will return the name of the post when Post object is printed.

Question 6

Complete

Mark 1 out of 1

{{ value | make_list }} If value is the string "Nirma", the output would be _____.?

Select one:

○ 1. NIRMA

◉ 2. the list ['N', 'i', 'r', 'm', 'a']

○ 3. the list ['n', 'I', 'R', 'M', 'A']

○ 4. nirma

The correct answer is: the list ['N', 'i', 'r', 'm', 'a']

Question 7

Complete

Mark 1 out of 1

From the given statements which are correct, in context to MVC?

Select one:

○ 1. Controller- Tells the Model and View What to do

◉ 2. All of the given options are correct in context to MVC

○ 3. View- Handles all the Presentation of Data

○ 4. Model – Handles all the Data

The correct answer is: All of the given options are correct in context to MVC

Question 8

Complete

Mark 1 out of 1

In Django, the divisibleby filter purpose is that _____.

Select one:

○ 1. It returns null if the value is divisible by the argument.

◉ 2. It returns True if the value is divisible by the argument.

○ 3. It returns False if the value is divisible by the argument

○ 4. None of the given are purpose of divisibleby filter.

The correct answer is: It returns True if the value is divisible by the argument.

Question 9

Complete

Mark 1 out of 1

The _____ is a Django form field that takes in a text input.

Select one:

○ 1. Text()

○ 2. CharText()

○ 3. TextField()

◉ 4. CharField()

The correct answer is: CharField()

Question 10

Complete

Mark 1 out of 1

In context to MVC, what can be the advantage of having the Controller between the Model and View?

Select one:

○ 1. Model can run the entire application on its own without the View and Controller.

◉ 2. Presentation of data and logic of data are completely separated and it helps in creating complex applications more easily

○ 3. View can run the entire application on its own without the Model and Controller.

○ 4. There is no such advantage of having Controller between Model and View.

The correct answer is: Presentation of data and logic of data are completely separated and it helps in creating complex applications more easily

Question 11

Complete

Mark 1 out of 1

Which are the two basic categories of Views in Django?

Select one:

○ 1. Central Views and Function Based Views

○ 2. Class Based Views and Formal Views

○ 3. Classical Views and Fractional Views

◉ 4. Class Based Views and Function Based Views

The correct answer is: Class Based Views and Function Based Views

In Django, the syntax for defining a filter is _____.

Select one:

○ 1. "{ variable_name | filter_name } "

◉ 2. {{ variable_name | filter_name }}

○ 3. (variable_name | filter_name)

○ 4. ' variable_name | filter_name '

The correct answer is: {{ variable_name | filter_name }}

From the given options which is not a Web Development Framework?

Select one:

○ 1. Laravel

○ 2. Django

○ 3. Angular

◉ 4. Mangular CSS

The correct answer is: Mangular CSS

In context to Django Request-Response cycle, which statement holds correct for process_exception?

Select one:

○ 1. If the view function raises an exception, the Handler will loop through its list of process_exception methods.

○ 2. If an exception is raised, the process will short-circuit and no other process_exception middlewares will be called.

○ 3. These methods are executed in reverse order, from the last middleware listed in settings.py to the first.

◉ 4. All of the given are correct for process_exception.

The correct answer is: All of the given are correct for process_exception.

In context to MVC, which of the following statement holds true?

Select one:

○ 1. Controller handles the request flow

◉ 2. Any interactions between the Model and View happens through the Controller.

○ 3. All of the given statements holds true, in context to MVC.

○ 4. Controller never handles the data logic

The correct answer is: All of the given statements holds true, in context to MVC.

What is the purpose of __init__.py in project directories?

Select one:

- ○ 1. It is used to initialise any empty values.
- ○ 2. It is for initiating the template
- ○ 3. It is useless and can be deleted.
- ◉ 4. It allows Python to recognise the folder as package.

The correct answer is: It allows Python to recognise the folder as package.

"Framework is specially created to help you boost the performance and efficiency of your web app development task." Is this statement True or False?
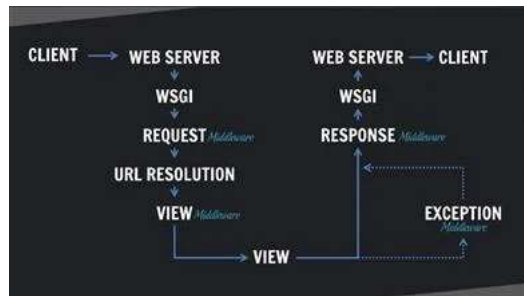
Select one:
- ◉ True
- ○ False

The correct answer is 'True'.

The following diagram represents which concept of Django?

Select one:
- ○ 1. Django Render-Response Cycle
- ◉ 2. Django Request-Response Cycle
- ○ 3. Django Request-Render Cycle
- ○ 4. Django Render-Release Cycle

The correct answer is: Django Request-Response Cycle

Question 19

Complete

Mark 1 out of 1

From the given statements which is the correct one?

Select one:

○ 1. The POST method should always be used if the data is not going to result in a change to the server's database because this cannot be made more resistant to cross-site forgery request attacks

◉ 2. The POST method should always be used if the data is going to result in a change to the server's database because this can be made more resistant to cross-site forgery request attacks.

○ 3. The POST method should never be used if the data is going to result in a change to the server's database because this can be made less resistant to cross-site forgery request attacks

○ 4. None of the statement is correct.

The correct answer is: The POST method should always be used if the data is going to result in a change to the server's database because this can be made more resistant to cross-site forgery request attacks.

Question 20

Complete

Mark 1 out of 1

Function based views are generally divided into 4 basic strategies. Which are those 4 basic strategies?

Select one:

○ 1. CRUD (Control, Reverse, Update, Delete).

○ 2. CRUD (Control, Retrieve, Upgrade, Deform).

◉ 3. CRUD (Create, Retrieve, Update, Delete).

○ 4. CRUD (Create, Retrieve, Upgrade, Delist).

The correct answer is: CRUD (Create, Retrieve, Update, Delete).

Question 21

Complete

Mark 1 out of 1

{{ value | title }} If value is "my FIRST post", the output will be _____.?

Select one:

○ 1. MY first POST

○ 2. mY fIRSTpOST

◉ 3. My First Post

○ 4. my first post

The correct answer is: My First Post

Question 22

Complete

Mark 1 out of 1

Which setting contains the parameter of main-urls file?

Select one:

○ 1. URLCONF

○ 2. MAIN_url_cONFIG

◉ 3. ROOT_URLCONF

○ 4. ROOT

The correct answer is: ROOT_URLCONF

As django developer solve the doubt of your junior by selecting right code segment
Database have following columns name: userID, emailID, age, is_staff, is_active

import libraries are
from django.contrib.auth.models import User
from django.contrib import messages

from django.contrib.auth import authenticate, login, logout

from django.core.mail import EmailMessage, send_mail

Fetch the data from the HTML form
 if request.method == "POST":

        username = request.POST['username']

        email = request.POST['email']

1. During registration how to check either userID is already taken by other user or not:

User.objects.filter(username=username)

2. During registration how to check either the EmailID is already registered by other user:

User.objects.filter(email=email).exists()

3. System should send mails to the users and notify them regarding new features of the system:

send_mass_mail((subject, message, email_sender, to_usermail))

4. In continuation in point 3, if mail id is wrong or any error occur due to SMTPException which attributes value should be used:

	fail_silently=False

5. How to find out either user is normal user or site staff:	

request.user.is_staff

fail_silently=True

request.user.is_admin

send_mail(subject, message, email_sender, to_usermail)

[User.objects.filter(username=username)]

2. During registration how to check either the EmailID is already registered by other user:
[User.objects.filter(email=email).exists()]

3. System should send mails to the users and notify them regarding new features of the system: [send_mass_mail((subject, message, email_sender, to_usermail))]

4. In continuation in point 3, if mail id is wrong or any error occur due to SMTPException which attributes value should be used: [fail_silently=True]

5. How to find out either user is normal user or site staff: [request.user.is_staff]

Question **24**

Complete

Mark 1 out of 1

In Django, the syntax for defining a variable is _____.

Select one:

○ 1. 'variable_name '

○ 2. "variable_name "

◉ 3. {{ variable_name }}

○ 4. {variable_name }

The correct answer is: {{ variable_name }}

Question **25**

Complete

Mark 0 out of 1

"MVC is an architectural design pattern that separated an application into three logical components i.e Model, View, Component." Is this statement True or False?
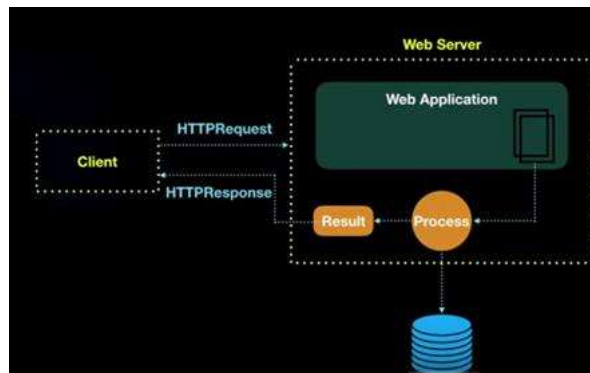
Select one:

◉ True

○ False

The correct answer is 'False'.

Question **26**

Complete

Mark 1 out of 1

The following diagram represents what?

Select one:

○ 1. Laravel Framework

○ 2. Modern Web Development Work-Flow

○ 3. Django Framework

◉ 4. Traditional Web Development Work-Flow

The correct answer is: Traditional Web Development Work-Flow

"Django Form does not include tags, or a submit button. We'll have to provide those ourselves in the template." Is this statement True or False?

Select one:

◉ True

○ False

The correct answer is 'True'.

Which statement holds correct for Class Based Views?

Select one:

○ 1. In Class Based Views Object oriented techniques such as mixins (multiple inheritance) can be used to factor code into reusable components.

◉ 2. All of the given statement holds correct for Class Based Views.

○ 3. In Class Based Views Organization of code related to specific HTTP methods (GET, POST, etc.) can be addressed by separate methods instead of conditional branching.

○ 4. Class-based views provide an alternative way to implement views as Python objects instead of functions

The correct answer is: All of the given statement holds correct for Class Based Views.

Which code line will give us a text area form field?

Select one:

○ 1. Field_name = forms.TextFieldAreaWidget(widgets = forms.Textarea)

○ 2. None of the given code line will give us a text area form field

◉ 3. Field_name = forms.CharField(widgets = forms.Textarea)

○ 4. Field_name = forms.TextAreaField()

The correct answer is: None of the given code line will give us a text area form field

{{ some_list | slice:":2" }} If some_list is ['a', 'b', 'c'], the output will be _____.?

Select one:

◉ 1. ['a', 'b']

○ 2. ['c', 'a']

○ 3. True

○ 4. False

The correct answer is: ['a', 'b']

What will happen on execution of this command : > python manage.py createsuperuser

Select one:

○ 1. It will create an admin superuser.

○ 2. It will ask for name and password of the superuser

◉ 3. The things mentioned in other two options will be applicable when the given command is executed.

The correct answer is: The things mentioned in other two options will be applicable when the given command is executed.

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