



SHREE H. N. SHUKLA COLLEGE OF I.T. & MGMT.

(AFFILIATED TO SAURASHTRA UNIVERSITY)

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JAG-003-1083002

Seat No. 30144

M. Sc. (IT & CA) (Sem. III) (CBCS) Examination

November - 2019

CS-14 Web Application Development Using Django
(New Course)

Faculty Code : 003

Subject Code : 1083002

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Objective type questions 4
1. What is lambda in Python?
 2. _____ command is used to generate random numbers in Python.
 3. PEP stands for_____.
 4. To define a Python function, the_____keyword is used.
- (B) Answer in brief (Any one) 2
1. Write Applications of Python
 2. What is the difference between Python Arrays and lists ?
- (C) Answer in detail (Any one) 3
1. Explain for Loop.
 2. Explain Logical Operators.
- (D) Write a note on (Any one) 5
1. Explain Dictionaries with example.
 2. Explain Tuples with example.
- 2 (A) Objective type questions 4
1. _____command is used to display the current Django version.
 2. What is the Django command to start a new app named 'users' in an existing project?
 3. MVC stands for_____.
 4. Templating is not the feature of Django web framework. [True/False]

JAG-003-1083002]

1

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- (B) Answer in brief (Any one) 2
1. Explain wsgi.py.
 2. Explain urls.py.
- (C) Answer in detail (Any one) 3
1. Explain MVC in Django.
 2. What is Request and Response ?
- (D) Write a note on (Any one) 5
1. Write steps for Django Installation.
 2. Explain Template in Django.
- 3 (A) Objective type questions 4
1. ORM stands for _____.
 2. _____ exception is raised if MyObject.objects.get() is called with parameters that do not match an existing item in the database.
 3. _____ is the Django command to view a database schema of an existing (or legacy) database.
 4. In Django how would you retrieve all the 'User' records from a given database?
- (B) Answer in brief (Any one) 2
1. What are the officially supported databases of Django.
 2. Explain Order_by().
- (C) Answer in detail (Any one) 3
1. Explain how to connect MSQL Database with Django.
 2. Explain Django's Model in detail.
- (D) Write a note on (Any one) 5
1. Explain Data Updating with example in Django.
 2. Explain Data Deletion with example in Django.
- 4 (A) Objective type questions : 4
1. URL stands for _____.
 2. _____ command is used to create a superuser in Django.
 3. _____ is a set of patterns that Django will try to match the requested URL to find the correct view.
 4. _____ file is used to register model for admin site.

JAG-003-1083002]

2

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- (B) Answer in brief (Any one) 2
1. Explain Model Form.
 2. Explain GET and POST methods.
- (C) Answer in detail (Any one) 3
1. Explain rendering a web page via view function.
 2. Explain requesting a web page via URL.
- (D) Answer in detail (Any one) 5
1. Explain Form Validation with example.
 2. Explain Django Admin Site.
- 5 (A) Objective type questions 4
1. What are Cookies ?
 2. Django has method _____ which we can use to create cookies very easily.
 3. The _____ object in Django has a session attribute, which creates, access and edits the session variables.
 4. Any test within tests.py file that starts with _____ will be run by Django's test runner.
- (B) Answer in brief (Any one) 2
1. What is GitHub?
 2. Cookies vs. Session.
- (C) Answer in detail (Any one) 3
1. Write steps to deploy web application in Django.
 2. Explain Amazon Web Service.
- (D) Write a note on (Any one) 5
1. Explain Cookies with example in Django.
 2. Explain Django's Session Framework.

JAG-003-1083002]

3

[250/5-10]