



FA-003-1083002

Seat No. \_\_\_\_\_

M. Sc. (IT & CA) (Sem. III) (CBCS) (W.E.F. 2016)

Examination

October - 2022

Web Application Development Using Django : CS-14

Faculty Code : 003

Subject Code : 1083002

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

[Total Marks : 70

- 1 (a) Objective type questions : 4
- (1) \_\_\_\_\_ is mutable object of python.
  - (2) \_\_\_\_\_ is the output of print (list1(3:4)) if list1=[2,4,5,6,8,9]
  - (3) Give full form of IDLE.
  - (4) Give full form of PEP.
- (b) Answer in brief : (any one) 2
- (1) Explain if statement in python.
  - (2) What is list and tuples ?
- (c) Answer in detail : (any one) 3
- (1) Explain Strength and Weakness of Python.
  - (2) Explain Python Dictionary datatype.
- (d) Write a note on : (any one) 5
- (1) List out different operators in python and explain membership operator with example.
  - (2) How to define function in python ? Explain with example.
- 2 (a) Objective type questions : 4
- (1) MVC stands for
  - (2) What is Django command to start new app named 'user' in existing project ?
  - (3) What is Django command to run Django Development Server?
  - (4) To test your Django installation \_\_\_\_\_ command can be used.

- (b) Answer in brief : (any one) 2  
 (1) Explain urls.py.  
 (2) Explain init.py.
- (c) Answer in detail : (any one) 3  
 (1) Explain views.py with example.  
 (2) Describe HTTP Request and Response with example.
- (d) Write a note on : (any one) 5  
 (1) Explain Django project architecture.  
 (2) What is Django ? Explain MVC framework in Django.
- 3** (a) Objective type questions : 4  
 (1) In Django how would you retrieve all the records from a model named 'stud'.  
 (2) ORM stands for.....  
 (3) What is the use of clock () ?  
 (4) You can insert number of records using \_\_\_\_\_.
- (b) Answer in brief : (any one) 2  
 (1) What is model ?  
 (2) Explain filter ().
- (c) Answer in detail : (any one) 3  
 (1) Explain Ctime (), Local time () and Mk time().  
 (2) What are officially supported databases in Django ?
- (d) Write a note on : (any one) 5  
 (1) Explain how to configure database with Django in detail.  
 (2) Explain Data Deletion with Django with example.
- 4** (a) Objective type questions : 4  
 (1) Which command is used to create super User ?  
 (2) What is the use of form.is\_valid ()?  
 (3) \_\_\_\_\_ file is used to register model for admin site.  
 (4) What is URLConf ?
- (b) Answer in brief : (any one) 2  
 (1) Explain GET v/s POST method of form.  
 (2) What is template ?
- (c) Answer in detail : (any one) 3  
 (1) Explain Django.Contrib package.  
 (2) Explain how to render a web page via view function.

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- (d) Write a note on : (any one) 5
- (1) Explain admin.py in detail.
- (2) Write a note on different validations of Form.
- 5 (a) Objective type questions : 4
- (1) Which attribute of cookie is used to decide expiration time of cookie ?
- (2) Any test within test.py file that starts with \_\_\_\_\_ will be run by Django's test runner.
- (3) What is integration test ?
- (4) Which method is used to create cookie?
- (b) Answer in brief : (any one) 2
- (1) What is Unit test ?
- (2) What is GitHub ?
- (c) Answer in detail : (any one) 3
- (1) How to Get and Set cookie with example ?
- (2) Explain Python's Unit Test2 Library.
- (d) Write a note on : (any one) 5
- (1) What is session ? Explain Django's session framework.
- (2) Explain how to deploy Django Application on Amazon Webservice.
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