

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination**Oct/Nov-2021 (NEW COURSE)****Web Application Development Using Django (Core (New))****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Q.1(A) Answer following Questions (03)

1. Who created Python?
2. How to execute Python script from command line.
3. What is format() ?

Q.1(B) Answer following Questions (Any Two) (06)

1. Explain List and Tuples.
2. Explain conditional structure in Python.
3. Explain keywords and Identifier in Python.
4. Explain simple Input and Output in Python.

Q.1(C) Answer following Question (Any One) (05)

1. Explain different operators available in Python.
2. Explain defining of users own function in Python.

Q.2(A) Answer following Questions (03)

1. Write full form of MVT.
2. Write full form of DTL.
3. Write full form of MVC.

Q.2(B) Answer following Questions (Any Two) (06)

1. Write advantages of Django.
2. Explain how to write comments in Django with example.
3. What is request and response? Explain briefly with example.
4. Explain Django installation.

Q.2(C) Answer following Question (Any One) (05)

1. Explain Django project architecture.
2. Explain basic template tags and filters.

Q.3(A) Answer following Questions (03)

1. What is model class?
2. In which folder & file Model is defined?
3. Which is the default database provided by Django?

- Q.3(B) Answer following Questions (Any Two)** (06)
1. How to configure database in python?
 2. Explain basic data access.
 3. Explain updating data.
 4. Explain deleting objects.
- Q.3(C) Answer following Question (Any One)** (05)
1. How to create a Model? Explain with suitable example.
 2. Write configuration for MySQL database.
- Q.4(A) Answer following Questions** (03)
1. What is Django superuser?
 2. Write full form of URL.
 3. Which command is used to run the website?
- Q.4(B) Answer following Questions (Any Two)** (06)
1. Explain GET method with example.
 2. Explain POST method with example.
 3. What is context data? Explain briefly.
 4. Explain rendering forms.
- Q.4(C) Answer following Question (Any One)** (05)
1. Explain form Validation with example.
 2. Explain Rendering web page via view function.
- Q.5(A) Answer following Questions** (03)
1. _____ command is use to execute test.
 2. _____ are isolated tests that test one specific function.
 3. What is session key?
- Q.5(B) Answer following Questions (Any Two)** (06)
1. Explain how to create cookies?
 2. Explain how to set and get cookies data?
 3. How to read and write session data?
 4. Explain Configuration settings for Session.
- Q.5 (C) Answer following Question (Any One)** (05)
1. Differentiate Cookies v/s Session
 2. How to deploy the Django application on GitHub.
