

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination**Nov/Dec-2023 (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.
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- Que-1 (A) Answer the following questions (03)
1. How to execute Python script from command line.
 2. IDLE stands for _____.
 3. Who created Python?
- Que-1 (B) Answer the following questions (ANY TWO) (06)
1. Explain Dictionaries, Sorting Dictionaries in Python.
 2. Explain conditional structure in Python.
 3. Explain break and continue in Python.
 4. Explain operators in Python.
- Que-1 (C) Answer the following questions (ANY ONE) (05)
1. Explain List and Tuples.
 2. Explain Data collections in Python.
- Que-2 (A) Answer the following questions (03)
1. Write full form of MVT.
 2. Write full form of DTL.
 3. Write Full form of MVC.
- Que-2 (B) Answer the following questions (ANY TWO) (06)
1. Explain how to write comments in Django with example.
 2. Write advantages of Django.
 3. Explain urls.py and Python regular expression.
 4. Explain setting up database in Django.
- Que-2 (C) Answer the following questions (ANY ONE) (05)
1. Explain Django project architecture.
 2. Explain template system with example.
- Que-3 (A) Answer the following questions (03)
1. What is model class?
 2. What is CRUD?
 3. Write syntax for define model.
- Que-3 (B) Answer the following questions (ANY TWO) (06)
1. Explain create() and Save() with example.
 2. Explain updating data.
 3. Explain deleting objects.
 4. Explain inserting data.
- Que-3 (C) Answer the following questions (ANY ONE) (05)
1. How to create a Model? Explain with suitable example.
 2. Write configuration for MySQL database.

- Que-4 (A) Answer the following questions (03)
1. What is request?
 2. What is response?
 3. CSRF stands for _____.
- Que-4 (B) Answer the following questions (ANY TWO) (06)
1. Explain view layer.
 2. Write steps to create superuser for admin.
 3. What is GET & POST method?
 4. Explain Render HTTPResponse to templates.
- Que-4 (C) Answer the following questions (ANY ONE) (05)
1. Explain form Validation with example.
 2. Explain Django Form class.
- Que-5 (A) Answer the following questions (03)
1. What is Session-key?
 2. What is HttpResponse.delete_cookie()?
 3. What is cookies?
- Que-5 (B) Answer the following questions (ANY TWO) (06)
1. Explain unittest2 library.
 2. Explain Django session framework.
 3. What are test cases? Explain any two methods.
 4. Explain session outside views.
- Que-5 (C) Answer the following questions (ANY ONE) (05)
1. Explain how Django manage cookies.
 2. Explain how session data is read and write.
