

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination
OCT/NOV-2025 (AS PER SYLLABUS YEAR JUNE-2019)
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.

-
- Que.1(A) Answer the following questions (03)
1. What is environment variables/
 2. Full form of IDLE.
 3. What is python reserved words?
- Que.1(B) Answer the following questions (ANY TWO) (06)
1. Explain for loop.
 2. Explain Tuple.
 3. Explain Sets.
 4. Explain List.
- Que.1(C) Answer the following questions (ANY ONE) (05)
1. Explain if...else... Statement.
 2. Explain input and output.
- Que.2(A) Answer the following questions (03)
1. Full form of DTL.
 2. Full form MVC.
 3. What is views?
- Que.2(B) Answer the following questions (ANY TWO) (06)
1. Explain Django Project creation.
 2. Explain Django Framework Lifecycle.
 3. Explain: admin.py and settings.py
 4. Explain Django Template System.
- Que.2(C) Answer the following questions (ANY ONE) (05)
1. Explain MVC architecture.
 2. Explain Request and Response.
- Que.3(A) Answer the following questions (03)
1. What is model variable?
 2. What is number data type?
 3. What is Boolean data type?
- Que.3(B) Answer the following questions (ANY TWO) (06)
1. Explain Save (), Create () and Values () methods.
 2. Explain insert
 3. Explain filter ().
 4. Explain slicing.
- Que.3(C) Answer the following questions (ANY ONE) (05)
1. Explain Update () method with example.
 2. Explain Model.
- Que.4(A) Answer the following questions (03)
1. Explain: admin site
 2. What is post method?
 3. What is form validation?

- Que.4(B) Answer the following questions (ANY TWO) (06)
1. Explain Render.
 2. Explain superuser in detail.
 3. Explain view layer in detail.
 4. Explain context data.
- Que.4(C) Answer the following questions (ANY ONE) (05)
1. Write short note model form.
 2. Write short note on Rendering forms.
- Que.5(A) Answer the following questions (03)
1. What is Unit Test?
 2. What is PIP?
 3. What is Session-key?
- Que.5(B) Answer the following questions (ANY TWO) (06)
1. Explain Cookie.
 2. Explain Session.
 3. Explain keys(), items() and clear()
 4. Explain unittest2 Library.
- Que.5(C) Answer the following questions (ANY ONE) (05)
1. Explain automated test.
 2. What are test cases? Explain any two methods
