

M.Sc.(IT & CA) Semester - 3 (CBCS) Examination
OCT/NOV-2024 (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.

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- Que.1(A) Answer the following questions. (03)
1. IDLE Full form.
 2. Explain String slice.
 3. Explain print () function.
- Que.1(B) Answer the following questions (ANY TWO) (06)
1. Explain if else statement with example
 2. Explain List with append and remove method.
 3. Explain Break and Continue.
 4. Explain Format () function.
- Que.1(C) Answer the following questions (ANY ONE) (05)
1. How to define users function in python? Explain with example.
 2. Write advantages and disadvantages of python language.
- Que.2(A) Answer the following questions (03)
1. Full form of DTL.
 2. Full form MVC.
 3. Explain Python manage.py: flush
- Que.2(B) Answer the following questions (ANY TWO) (06)
1. Explain Web application.
 2. Explain Django Framework Lifecycle.
 3. Explain: models.py and settings.py
 4. Explain Request and Response.
- Que.2(C) Answer the following questions (ANY ONE) (05)
1. Explain MVC architecture.
 2. Explain Django Template System.
- Que.3(A) Answer the following questions (03)
1. What is model variable?
 2. Model.AutoFields().
 3. Model.URLFields().
- Que.3(B) Answer the following questions (ANY TWO) (06)
1. Explain any two Django Model data types.
 2. Explain Update () method with example.
 3. How to create model? Explain with example.
 4. List format of date explain any three of them.
- Que.3(C) Answer the following questions (ANY ONE) (05)
1. Write Shell Script for Select and Update Operation with python shell.
 2. Explain Save (), Create () and Values () methods.
- Que.4(A) Answer the following questions. (03)
1. Explain: admin site
 2. Explain: form.is_valid()
 3. What is superuser?

- Que.4(B) Answer the following questions (ANY TWO) (06)
1. Explain Render.
 2. Explain Django form class.
 3. What is use of HTTP Request and HTTP Response object?
 4. What is context data?
- Que.4(C) Answer the following questions (ANY ONE) (05)
1. Write short note on django.contrib package.
 2. Write short note on form validation.
- Que.5(A) Answer the following questions. (03)
1. What is Unit Test?
 2. What is PIP?
 3. What is Session?
- Que.5(B) Answer the following questions (ANY TWO) (06)
1. Explain Cookie.
 2. Explain clear_expired() method with example.
 3. Explain set_expiry() method with example.
 4. Explain automated test.
- Que.5(C) Answer the following questions (ANY ONE) (05)
1. Explain unittest2 Library.
 2. Write advantages of testing application Django.
