

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS (MCA)
EXAMINATION : JUNE - 2025
SEMESTER - II

Sub : Django Web Framework (MCA24-203/MSC24-203)

Date : 05/06/2025

Total Marks : 60

Time: 10.00 am To 12.30 pm

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q. 1. Answer the following in 2 - 3 lines. (Any 5) (10)

1. What do you understand by web development?
2. Differentiate between MVC & MVT
3. How Django handles GET & Post requests in a view functions?
4. Explain the role of models & views in Django.
5. Share the real world example of Django
6. Differentiate between include() & path() functions in urls.py
7. Explain the role of views and templates in Django.

Q. 2. Answer the following in short. (Any 4) (20)

1. Describe how variables tags and filters used in Django templates. Provide a brief example of each.
2. Write a brief note on making Database queries using Django ORM
3. Describe Django architecture in details
4. Compare & contrast Foreign key, ManyToMany field and OneToOnefield in Django model with code examples for each
5. Differentiate between FBV & CBV.
6. Describe CRUD operations with reference to Django

Q. 3. Answer the following in detail. (Any 3) (30)

1. Write in details about Django Models
2. Write an end-to-end flow to create a Django projects.
3. What are different Django views?
4. Explain in details fields, Data types and validations in Django
5. What is Django And why is it used in web development?
