

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (MSC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER- 2025/JANUARY-2026

SEMESTER - II

Sub : Django Web Framework (MSC24-203)

Date : 05/01/2026**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. Define Django.
2. State any two key features of Django.
3. Define a Django model.
4. What is a function-based view?
5. Write the syntax of a Django template variable.
6. What is urlpatterns in Django?
7. What is the MVT pattern in Django?

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

1. Explain the steps to create a Django project.
2. Compare Model, View, and Template.
3. Explain Django ORM with an example of a query.
4. Describe handling GET and POST requests in a view.
5. Explain template inheritance with an example.
6. Write the steps to configure URLs for an app in Django.

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

1. Explain Django's complete architecture (MVT) with a neat diagram.
2. Explain Django models in detail with fields, relationships, and migrations.
3. Write and explain the steps to build a simple To-Do web application in Django
4. Explain Django templates in detail with syntax, tags, filters, and examples.
5. Develop a complete URL, View, and Template example to display a list of students.
