

Instructions :

- Draw Diagrams wherever necessary.
- Make Assumptions wherever necessary.

Q-1 : Attempt the following MCQs**[5]****(a) What is the purpose of the views.py file in a Django project?**

- a) To define database models
- b) To handle HTTP requests and return HTTP responses
- c) To define templates for HTML pages
- d) To configure project settings

(b) What is the purpose of the (link unavailable) file in a Django project?

- a) To define models
- b) To define views
- c) To define templates
- d) To define URLs

(c) What is the purpose of the urls.py file in a Django project?

- a) To define database models
- b) To map URLs to views
- c) To configure project settings
- d) None of the above

(d) Which design pattern does Django follow?

- a) MVC
- b) MVP
- c) MTV
- d) MVVM

(e) What is the command to create a new Django project?

- a) django-admin startproject projectname
- b) python manage.py startproject projectname
- c) django-admin create projectname
- d) python manage.py create projectname

Q-2 : Answer the following questions in short (Each questions answer carry 2 marks)**[10]****(Any 5)**

- (a) What is the difference between Flask and Django?
- (b) What are Django URLs?
- (c) How can you include and inherit files in your application?
- (d) What is Django ORM?
- (e) Explain the Django project directory structure.
- (f) What do you mean by the csrf_token?
- (g) What does the settings.py file do?

Q-3 : Answer the following questions in detail (Each questions answer carry 5 marks)**[20]****(Any 4)**

- (a) What is MIDDLEWARE? Explain with example?
- (b) Explain the Model-View-Controller(MVC) architectural pattern in Django.
- (c) What is advanced form? Explain it with example.
- (d) What are the features of Django?
- (e) Define static files and explain their uses?