

CBCS SCHEME

USN

--	--	--	--	--	--	--	--



21CS62

Sixth Semester B.E./B.Tech. Degree Examination, Dec.2024/Jan.2025

Full Stack Development

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, choosing ONE full question from each module.

Module-1

- 1 a. Explain the processing of Django request and response with a flow diagram. (10 Marks)
b. Write a python function in Django framework that displays date and time which is an offset of n hours from current date and time. (10 Marks)

OR

- 2 a. Illustrate the process of URL mapping with views. (10 Marks)
b. Describe MVC design pattern with a neat diagram. (10 Marks)

Module-2

- 3 a. Define the following: (i) Tags (ii) Filters (10 Marks)
b. Describe the process of template system usage in Django. (10 Marks)

OR

- 4 a. Explain the following:
(i) Selecting objects
(ii) Deleting objects (10 Marks)
b. Summarize the concept of template loading in Django. (10 Marks)

Module-3

- 5 a. Illustrate the usage of admin interface in Django. (10 Marks)
b. Develop a Model form for student that contains his topic chosen for project, languages used and duration with a model called project. (10 Marks)

OR

- 6 a. Describe the following:
(i) Creating a feedback form
(ii) Processing the submission (10 Marks)
b. Create a Django app that performs student registration course. Register admin interfaces, perform migrations and illustrate data entry through admin forms. (10 Marks)

Module-4

- 7 a. Develop a Django app that performs CSV and pdf generation for any models created. (10 Marks)
b. Illustrate the generic views of objects. (10 Marks)

OR

- 8 a. Create a generic class view which displays list of students and detail view that displays student details for any selected student in the list. (10 Marks)
b. Explain the syndication feed framework in generating Non-HTML content. (10 Marks)

Module-5

- 9 a. Define the following: (i) HTML (ii) XML (iii) JSON (iv) CSS
b. Mention the jQuery Ajax facilities and explain any four.

(10 Marks)
(10 Marks)

OR

- 10 a. Illustrate the using of jQuery UI Autocomplete in Django templates.
b. Explain XMLHttpRequest by mentioning the properties.

(10 Marks)
(10 Marks)
