



Sixth Semester B.E./B.Tech. Degree Examination, June/July 2026
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. Define Full Stack Development. What are the key advantages of Full Stack Development? Explain the Concept of Web Framework. (10 Marks)
- b. Explain Django views with an example. (10 Marks)

OR

- 2 a. Illustrate the Wild Card Patterns in URLs with example. Also explain the errors in Django. (10 Marks)
- b. With a neat diagram explain the complete flow of Django request and response. (10 Marks)

Module-2

- 3 a. Explain the following with example.
 - i) if/else tag
 - ii) filter tag
 - iii) include tag
 (10 Marks)
- b. Explain template Inheritance with an example. (10 Marks)

OR

- 4 a. Explain the following with example.
 - i) For tag
 - ii) Reverse and Nested for tag
 - iii) For loop counter and For loop revcounter
 (10 Marks)
- b. Explain Django Models. List any four model fields name along with class and explain the same. (10 Marks)

Module-3

- 5 a. How to activate, use and customize the admin interface? (10 Marks)
- b. Explain Django form Flow using a neat diagram. (10 Marks)

OR

- 6 a. Briefly explain URL Conf Ticks with examples. (10 Marks)
- b. Explain the creation of Feedback forms, submission and custom validation with an examples (10 Marks)

Module-4

- 7 a. Explain different ways to extend the generic views to handles a larger array of use cases. Explain each with example (10 Marks)
- b. Explain the process of generating CSV and PDFs along with steps and an example. (10 Marks)

OR

- 8 a. Explain Django users and authentications. (10 Marks)
- b. Define Cookies and explain the same. (10 Marks)

Module-5

- 9 a. Explain the methods and properties of XMLHttpRequest. (10 Marks)
- b. Write a note on the following concepts:
- i) HTML / XHTML
 - ii) XML
 - iii) JSON
 - iv) CSS
- (10 Marks)

OR

- 10 a. Explain the different key facilities of Ajax. (10 Marks)
- b. Explain how to use j Query UI Auto complete in Django Templates. (10 Marks)

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