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Sixth Semester B.E. Degree Examination, June/July 2024 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. What is web framework? Explain django-admin command with example. (06 Marks)
- b. Explain the history of django. (07 Marks)
- c. Explain view function in django with an example. (07 Marks)

OR

- 2 a. Illustrate how django processes request. (08 Marks)
- b. Identify the key philosophy behind URL confs and loose coupling. (06 Marks)
- c. Describe the process of mapping URLs to views. (06 Marks)

Module-2

- 3 a. What is template? Explain basics of template systems with example. (10 Marks)
- b. Explain template inheritance. (10 Marks)

OR

- 4 a. Identify the different types of tags and filters in django template system. (12 Marks)
- b. Explain the models in django with example. (08 Marks)

Module-3

- 5 a. How to activate and configure the admin interface in django for managing application data? (08 Marks)
- b. Explain the process of handling and processing forms in a web application using django. (12 Marks)

OR

- 6 a. Develop a django program to create feedback forms. (08 Marks)
- b. Discuss the usage of the admin interface. (06 Marks)
- c. How to create form in django? What this class can do in python interpreter? (06 Marks)

Module-4

- 7 a. Discuss the concept of generic views of objects in django. (10 Marks)
- b. Explain cookies with example. (10 Marks)

OR

- 8 a. How does user authentication works in django? (10 Marks)
- b. Discuss the role of site map frame work. (10 Marks)

Module-5

- 9 a. Explain technologies on which AJAX overlaid. (10 Marks)
- b. Discuss about jQuery and basic Ajax. (10 Marks)

OR

- 10 a. Write a note on java script and XMLHttpRequest response. (10 Marks)
- b. Illustrate the following : i) CSS ii) JSON iii) HTML iv) Iframe (10 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.