C   461B3   Total Pages: 2

Register No.: .... Name: ....

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)
(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)
SEVENTH SEMESTER INTEGRATED MCA DEGREE EXAMINATION (R), DECEMBER 2023
(2020 SCHEME)

Course Code: 20IMCAT405
Course Name: Advanced Web programming
Max. Marks: 60   Duration: 3 Hours

PART A
(Answer all questions. Each question carries 3 marks)

1. Describe the basic structure of an HTML page.
2. How many different levels of headings does HTML support? List and explain with tags.
3. Explain functions in JavaScript.
4. What is <script> tag? Explain.
5. What is bootstrap? What are the advantages of using bootstrap?
6. How do you create navbar links? Explain with proper example.
7. What is the purpose of the transition plugin?
8. Write a short note on Typeahead.
9. Compare GET and POST methods.
10. Explain remote scripting.

PART B
(Answer one full question from each module, each question carries 6 marks)

MODULE I

11. Design an employee profile form and apply form controls.   (6)

OR

12. Summarize attributes in detail.   (6)

MODULE II

13. Write a JQuery program to hide and show the elements.   (6)

OR

14. Write a JQuery program to update the content already given in the site. (6)

MODULE III

15. Design a home page of college website using bootstrap elements.   (6)

OR

16.   Design a registration page using bootstrap.   (6)

MODULE IV

17.   Explain the concept of bootstrap's scrollspy plugin. How can it be used   (6)
       for navigation highlighting?

OR

18.   Describe the role of the bootstrap carousel. Explain with proper example.   (6)

MODULE V

19.   Explain the concept of XMLHttpRequest.   (6)

OR

20.   How do you send requests to the server and process the server's   (6)
       response? Explain.

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