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

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

FOURTH SEMESTER INTEGRATED M.C.A DEGREE EXAMINATION (S), SEPT 2022

(2020 SCHEME)

Course Code:	**20IMCAT210**
Course Name:	**Internet Concepts and Web Technology**
Max. Marks: **60**	**Duration: 3 Hours**

PART A

(Answer all questions. Each question carries 3 marks)

1. Distinguish between client/server and peer to peer network.
2. What is DNS? Why is it important?
3. Differentiate absolute URL and relative URL.
4. Outline any three FTP commands.
5. Write HTML script to implement the following list.

    1. MBA   • JAVA
    2. MCA   • PHP
    3. M Tech   • C

6. How is an image added to a web page? Give an example.
7. What is universal selector?
8. Explain box model.
9. Write a short note on Document Object Model.
10. What is a function in JavaScript? How is it defined?

PART B

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

MODULE I

11. What is layered architecture? How does the layers of OSI model exchange information to establish a connection? Explain with the help of neat diagram.   (6)

OR

12. Explain TCP/IP layer protocol suite.   (6)

MODULE II

13. What is SMTP? How is it useful to send e-mails?   (6)

OR

14. a) How does static web page differ from dynamic web page?   (3)
    b) Differentiate HTTP request and response.   (3)

MODULE III

15. Design a web page to register an event.   (6)

OR

16. Which of the tags are used to represent information in tabular format? Explain. (6)

MODULE IV

17. What are the different ways to implement CSS? Explain with an example. (6)

OR

18. How do you position using CSS in HTML page? Illustrate the use of each with suitable examples. (6)

MODULE V

19. Create a Java Script function to reverse a given number and display the reversed number using alert method. Use prompt method to input the number. (6)

OR

20. Explain the following functions.
     a) ceil()
     b) floor()
     c) pow() (6)
     d) max()
     e) round()
     f) trunc()

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