

Register No.: Name:

SAINTGITS COLLEGE OF ENGINEERING (AUTONOMOUS)

(AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, THIRUVANANTHAPURAM)

**FOURTH SEMESTER INTEGRATED MCA DEGREE EXAMINATION (R,S), MAY 2024
(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. Explain any two categories of computer networks.
2. Compare and contrast flat and hierarchical namespace.
3. Differentiate between absolute URL and relative URL.
4. Write short note on active, static and dynamic pages.
5. Explain the usage of frame tag and its attributes in web design with an example.
6. With examples, explain the use of rowspan and colspan attributes in HTML.
7. Explain different types of style sheets.
8. What are the components of CSS style?
9. What is meant by DOM? How is it useful in JavaScript?
10. List three methods for creating an array object in JavaScript.

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

11. Explain OSI reference model with a neat diagram. (6)

OR

12. Briefly describe the working of DNS. (6)

MODULE II

13. Explain the world wide web (WWW) architecture. (6)

OR

14. Distinguish between different email protocols. (6)

MODULE III

15. Explain the following html tags with proper example (6)
i.<input> ii. iii.<a> iv.<form>

OR

16. Design a web page to display the details of five films directed by your favourite director in a tabular format. Details of film includes filmid, title, main actor, main actress, year of release and type of film (commercial, art, etc). (6)

MODULE IV

17. a) What is the need of CSS? Specify its basic syntax and structure. (3)
b) Explain any three different positioning of CSS with example. (3)

OR

18. Generate a CSS file with the following properties and implement it
i. Background color of the page should be gray
ii. Font style is Verdana and font size is 1.2em. (6)
iii. Page width and height is 500 pixels.
iv. Heading color is blue.

MODULE V

19. Discuss various types of control statement in JavaScript? (6)

OR

20. a) How are strings represented using Java Script? (2)
b) Explain any four string manipulation functions. (4)
