Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code: 98902

B.E./B.Tech. DEGREE EXAMINATION, MAY 2024

Elective

Information Technology

19UIT902 – Internet Technology and Web Design

(Regulation 2019)

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Differentiate HTML and HTML5 elements.   CO1- U

2. Differentiate <p> and <pre> tag in HTML5 with example.   CO1- U

3. Write a HTML5 program to display an list tag with relevant attributes.   CO2- App

4. Write a HTML5 program to display an anchor tag with relevant attributes.   CO2- App

5. Define JavaScript with example.   CO1- U

6. Differentiate java and JavaScript.   CO1- U

7. Write a JavaScript program to the check given number is Armstrong number   CO2- App
    or not.

8. Write a JavaScript Program to Make a Simple Calculator.   CO2- App

9. How to write HTML code in PHP?   CO1- U

10. How can we define comments in PHP?   CO1- U

PART – B (5 x 16= 80 Marks)

11. (a) Illustrate the HTML5 tags with example.   CO1- U   (16)

                                        Or

    (b) Illustrate the different ways to include CSS style sheets in the web   CO1- U   (16)
        page with example.

12. (a) Design a webpage for the student management system in the   CO2- App   (16)
        university. In that website to display the student full details like
        name, Register Number, Degree, Results and College name and
        Address using relevant HTML form tags and CSS.

                                        Or

(b) Design a web site (Home Page only) for Hospital management   CO2- App   (16)
system with all features like patient enquiry page, doctor's
availability, number of specialist, contact details, consulting hours
and medicine details using relevant HTML form tags and CSS

13. (a) Demonstrate the functions in java script with example.   CO1- U   (16)

Or

(b) Demonstrate the java script using arrays and objects with example.   CO1- U   (16)

14. (a) Write JavaScript for the following. Provide a text box for the user   CO2- App   (16)
enter user name. Validate the username for the number of
characters(assume some no. say 6). Provide a SUBMIT button for
the validation to happen. On successful validation display a new
page with an image and two text boxes for entering the width and
height of the image respectively with a RESIZE button below. On
clicking the Resize button validate the width and height numbers
and on successful validation display the image with the requested
width and height.

Or

(b) Write a JavaScript function calculate Grade() that calculates   CO2- App   (16)
student grade based on their average of 5 Marks Incorporate the
function into a script that reads a value from the user. Display the
result of the function in the browser's status bar.

15. (a) Write a PHP program to authenticate a user and retrieve all   CO2- App   (16)
information from a HTML registration form and store in a given
data base.

Or

(b) Write a PHP program to access a table and records from a student   CO2- App   (16)
database to obtain the result of a student.

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