Reg. No. :

Question Paper Code: U9272

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

Open Elective

Computer Science Engineering

21UCS972-WEB TECHNOLOGIES AND APPLICATIONS

(Common To All Branches)

(Regulations 2021)

Duration: Three hours   Maximum: 100 Marks

Answer All Questions

PART A - (10 x 2 = 20 Marks)

1. Define Heading Tags with an example.   CO1-U

2. Write a HTML code to make the following Text Bold? "Happy to Welcome   CO2-App
    you All"

3. List the types of Style sheets.   CO1-U

4. Give example for inline style sheet.   CO2-App

5. How to create an array in JavaScript?   CO1-U

6. Write a Program to add any three numbers using JavaScript?   CO2-App

7. Define virtual function   CO1-U

8. A pizza in a circular shape with 8 inches and which is placed in a square box   CO2-App
    whose side length is 10 inches. Find how much of the box is "empty"?

9. Explain about flask   CO1-U

10. Explain about Docker   CO1-U

PART – B (5 x 16= 80 Marks)

11. (a) Kamal has to create an HTML document containing an ordered   CO2-App   (16)
         list of three items—ice cream, soft serve and frozen yogurt. Each
         ordered list should contain a nested, unordered list of your
         favorite flavors. Provide three flavors in each unordered list.
         Write a HTML code to help Kamal?

Or

(b) Write a HTML code to create following table   CO2-App   (16)

STUDENTS MARK SHEET					
Name	Maths	Science	English	Physics	General Knowledge
David	85	87	88	92	88
Richard	91	81	78	71	74
John	81	86	88	84	92
Tony	84	86	87	82	81
Scott	71	79	82	88	89

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12. (a) Design a HTML Form by using CSS Elements   CO2-App   (16)

Or

(b) Design a web page that allows the user to choose from a series of   CO2-App   (16) image and view the image in color and grayscale?

13. (a) How will you Validate User Input with Java Script? Write an   CO1-U   (16) Example for validating user input with java script?

Or

(b) Explain in function parameter? Crete the button named "say   CO1-U   (16) hello" if user click the button the user name, age, year must display.

14. (a) Write a python program to find Simple Interest, Compound   CO2-App   (16) Interest, Area of Square and Area of Rectangle?

Or

(b) Write a code to develop a To-Do Web App using django?   CO2-App   (16)

15. (a) What is web application framework? Explain about web   CO1-U   (16) application framework in detail?

Or

(b) What is flask? What is use of the flask? Explain the ways to   CO1-U   (16) install flask?

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