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GIET UNIVERSITY, GUNUPUR – 765022

B. C. A (Fourth Semester) Examinations, May - 2024

BCA20404 – Internet and Web Technologies

Time: 3 hrs

Maximum: 70 Marks

The figures in the right hand margin indicate marks.

PART – A: (Multiple Choice Questions)

(1 x 10 = 10 Marks)

Q. 1 Answer *ALL* questions

	CO #	PO #
a. HTML stands for?	CO1	PO1
i. Hyper Text Markup Language		
ii. High Text Markup Language		
iii. Hyper Tabular Markup Language		
iv. None of these		
b. From which tag the descriptive list starts?	CO1	PO1
i. <LL>		
ii. <DL>		
iii. <DD>		
iv. <DS>		
c. Which of the following CSS selectors are used to specify a group of elements?	CO2	PO1
i. Tag		
ii. id		
iii. class		
iv. both class and tag		
d. Which of the following has introduced text, list, box, margin, border, color, and background properties?	CO2	PO1
i. HTML		
ii. PHP		
iii. CSS		
iv. Ajax		
e. The latest HTML standard is	CO1	PO1
i. HTML 4.0		
ii. HTML 5.0		
iii. XML		
iv. SGML		
f. The "function" and " var" are known as:	CO3	PO1
i. Keywords		
ii. Data types		
iii. Declaration statements		
iv. Prototypes		
g. When interpreter encounters an empty statements, what it will do:	CO3	PO1
i. Shows a warning		
ii. Prompts to complete the statement		
iii. Throws an error		
iv. Ignores the statements		
h. Identify the incorrect HTML tag among the following	CO4	PO1
i. <input >		
ii. < select >		
iii. < list >		
iv. < text area>		
i. Which of the following CSS framework is used to create a responsive design?	CO4	PO1
i. django		
ii. rails		
iii. larawell		
iv. bootstrap		
j. Which of the following CSS property is used to make the text bold?	CO4	PO1
i. text-decoration: bold		
ii. font-weight: bold		
iii. font-style: bold		
iv. text-align: bold		

PART – B: (Short Answer Questions)**(2 x 10 = 20 Marks)**Q.2. Answer ALL questions

	CO #	PO #
a. Different between a web page and a website.	CO1	PO1
b. What is an order and unordered list explain with an example.	CO1	PO2
c. Explain the type of CSS with an example.	CO2	PO1
d. Explain some predefined functions of JavaScript.	CO2	PO1
e. What is a framework? write the difference between framework and library	CO2	PO1
f. What is CDN? How CDN will work in Bootstrap?	CO3	PO2
g. Explain the grid system in bootstrap.	CO3	PO1
h. Explain server-side programming language with its benefits.	CO3	PO1
i. List the predefined functions of PHP with examples.	CO4	PO1
j. Explain type casting with example.	CO4	PO2

PART – C: (Long Answer Questions)**(10 x 4 = 40 Marks)**Answer ALL questions

	Marks	CO #	PO #
3.a. Discuss in detail about client and server architecture.	5	CO1	PO1
b. Create a table by using HTML and CSS for 5 students that contain roll no, name, mark, and fee.	5	CO1	PO2
(OR)			
c. What are HTML event's? Discuss any five HTML events with examples.	10	CO1	PO2
4.a. Create a login page by using HTML ,CSS and JS.	10	CO2	PO1
(OR)			
b. Write a JavaScript program to find if the no is palindrome or not.	5	CO2	PO2
c. What is a pop-up box? Explain how many types of pop-up box are available.	5	CO2	PO3
5.a. What is bootstrap and discuss the features of bootstrap.	5	CO3	PO2
b. Explain the 5-table class in Bootstrap with an example.			
(OR)			
c. Discuss any Ten Bootstrap Classes with examples.	10	CO3	PO2
6.a. Write a program in PHP that accepts two numbers using the text box and add these numbers to display the result.	5	CO4	PO1
b. Write a program to show the connection between PHP with MySQL database.	5	CO4	PO1
(OR)			
c. Write a PHP program to print prime numbers between 1 to 100.	5	CO4	PO1
d. List the differences between GET and POST methods with their advantages and disadvantages.	5	CO4	PO1

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