Enrollment No......................................

Faculty of Science / Engineering
End Sem Examination Dec-2023
CA3SE01 Web Designing

Programme: BCA / BCA-   Branch/Specialisation: Computer
MCA (Integrated)   Application

Duration: 3 Hrs.   **Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Q.1 i. Which of the following is the tool to browse Internet and Web?   **1**
(a) Google Chrome   (b) Visual Studio Code
(c) MySQL   (d) Python

ii. Which of the following protocol is used to browse the Web?   **1**
(a) TCP/IP   (b) Telnet   (c) Http   (d) FTP

iii. On which of the following html specification is based-   **1**
(a) Object   (b) Class
(c) Model   (d) Document Object Model

iv. With which tag the source element is associated   **1**
(a) <svg> <picture> <audio> and <video>
(b) <picture> <audio> and <video>
(c) <div>
(d) <link>

v. What is the use of line-height property?   **1**
(a) To control width of characters
(b) To control height of character size
(c) To control spacing between characters
(d) To control height of space between two lines

vi. By default the background image will repeat-   **1**
(a) Only if background-repeat property is set to repeat
(b) Indefinitely vertically and horizontally
(c) Indefinitely on horizontal axis only
(d) Once on the x and y axis

vii. Which operator returns true if the two compared values are not equal?   **1**
(a) <>   (b) ~   (c) ==!   (d) !==

viii. What is the result of running this statement? **1**
console.log(typeof 42)
(a) float   (b) number   (c) value   (d) integer

ix. What does UPI stand for? **1**
(a) Union Public Interface   (b) Unified Payment India
(c) Unified Payment Interface (d) United Payment India

x. What has changed the entire market structure and its local proximity? **1**
(a) E-Governance   (b) E-Commerce
(c) E-Health   (d) E-Education

Q.2 i. Describe the web designing. **2**
    ii. List any three differences between the web and the internet. **3**
    iii. Describe web functions using the relevant diagram. **5**
OR iv. Describe telnet. Write short note on telephony and telecommuting. **5**

Q.3 i. "The DOM specification serves as the framework for the Hypertext **3** markup language". Justify this statement with an example.
    ii. Write html for creating nested unordered list of Cities and within each **7** city an ordered list with the capital of that city and language spoken-
(a) The title of the page should be City and capitals
(b) The unordered list items should show disc for the list item
(c) The ordered list should start with 1
OR iii. Write html for creating your class timetable with the following **7** specification-
(a) The table caption should be Class Time Table
(b) The value of the table border attribute should be 1
(c) The table should exactly contain 5 rows (Mon-Fri) and 6 columns
(d) The cell value should contain the subject name
(e) Attribute rowspan should be used whenever required
(f) Attribute colspan should be used whenever required

Q.4 i. Describe CSS. **3**
    ii. Explain three different ways to apply CSS to html elements. **7**
OR iii. Explain how to create links to sections on the same page using html and **7** CSS with an example assuming you are creating your own resume in html and CSS.

Q.5 i. What is Javascript? Explain document and window object with an **4** example.
    ii. Write an event driven Javascript program to display numbers from **6** 100 to 150 on click of a button in the following format inside the div tag. (100, 101, 102…..150)
OR iii. Write html and javascript for the given below wire frame. **6**

(a) Box 1 and Box 2 are div
(b) Assume image1.jpg and image2.jpg names for the two images within each div
(c) Remove and Hide are button within each div
(d) Write javascript to remove image1.jpg on click of button Remove
(e) Write javascript to hide image2..jpg on click of button Hide

Q.6 Attempt any two:
i. Explain E-commerce system architecture **5**
ii. Write in brief the various business models of E-commerce. **5**
iii. Describe different types of payment systems used in E-commerce. **5**

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Marking Scheme
CA3SE01 (T)- Web Designing

Q.1	i)	a		**1**
	ii)	c		**1**
	iii)	d		**1**
	iv)	b		**1**
	v)	d		**1**
	vi)	b		**1**
	vii)	d		**1**
	viii)	b		**1**
	ix)	c		**1**
	x)	b		**1**

Q.2	i.	Description		**2**
	ii.	difference with some description	1 Mark for each	**3**
	iii.	diagram	2.5 Mark	**5**
		the explanation	2.5 Marks	
OR	iv.	Description	2 Marks	**5**
		Definition on telephony and telecommuting	3 Marks	

Q.3	i.	Justification	2 Marks	**3**
		Example	1 Mark	
	ii.	The description	2 Marks	**7**
		The html code	5 Marks	
OR	iii.	The description	2 Marks	**7**
		for the html code	5 Marks	

Q.4	i.	Description with points	3 Marks	**3**
	ii.	ways	2 Marks	**7**
		explanation	5 Marks	
OR	iii.	for steps	3 Marks	**7**
		and for code	4 Marks	

Q.5	i.	for definition and	2 Marks	**4**
		for definition of document and window object	2 Marks	
	ii.	for html code	2 Marks	**6**
		for correct javascript syntax and logic	4 Marks	
OR	iii.	for html/css code	2 Marks	**6**
		for correct javascript syntax and logic	4 Marks	

Q.6	i.	Diagram	2 Marks	**5**
		Explanation	3 Marks	
	ii.	For correct explanation	5 Marks	**5**
	iii.	For correct description	5 Marks	**5**

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