

**Enrollment No.....**

Faculty of Engineering  
End Sem (Odd) Examination Dec-2022  
CA5CO30 Internet & Web Technologies

**Programme:** MCA/BCA- MCA      **Branch/Specialisation:** Computer  
                  (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.

- |     |       |  |   |
|-----|-------|--|---|
| Q.1 | i.    | Communication happens using request and response is-                     | 1 |
|     | (a)   | Client   |   |
|     | (b)   | Server   |   |
|     | (c)   | HTTP   |   |
|     | (d)   | All of these   |   |
|     | ii.   | HTML and CSS are the technologies used for-                              | 1 |
|     | (a)   | Front End  |   |
|     | (b)   | Back End   |   |
|     | (c)   | Both (a) and (b)   |   |
|     | (d)   | None of these  |   |
|     | iii.  | The tag which places text just below the normal line is:                 | 1 |
|     | (a)   | SUP  |   |
|     | (b)   | SUB  |   |
|     | (c)   | SUM  |   |
|     | (d)   | None of these  |   |
|     | iv.   | The value which gives location of the image in HTML coding is-           | 1 |
|     | (a)   | URL  |   |
|     | (b)   | Browse   |   |
|     | (c)   | Src  |   |
|     | (d)   | None of these  |   |
|     | v.    | The asterisk (*) is used for which type of CSS Selector?                 | 1 |
|     | (a)   | Element  |   |
|     | (b)   | ID   |   |
|     | (c)   | Class  |   |
|     | (d)   | Universal  |   |
|     | vi.   | <p style="direction:rtl;">   | 1 |
|     |       | This will set the  |   |
|     | (a)   | Text color   |   |
|     | (b)   | Text direction   |   |
|     | (c)   | Space between characters   |   |
|     | (d)   | Space between words  |   |
|     | vii.  | PHP is-  | 1 |
|     | (a)   | A server-side scripting language   |   |
|     | (b)   | Open source software   |   |
|     | (c)   | Free to download and use   |   |
|     | (d)   | All of these   |   |
|     | viii. | All variables in PHP start with a _____ symbol.                          | 1 |
|     | (a)   | \$   |   |
|     | (b)   | *  |   |
|     | (c)   | @  |   |
|     | (d)   | &  |   |
|     | ix.   | Collection of normal text,picture,video clip,audio clip and hyperlink is | 1 |
|     | (a)   | WWW  |   |
|     | (b)   | Webpage  |   |
|     | (c)   | Website  |   |
|     | (d)   | All of these   |   |

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- |     |  |   |
|-----|--|---|
| x.  | Which service is a type of Internet hosting service that hosts websites for clients.                   | 1 |
|     | (a) Website designing                      (b) Website development                                     |   |
|     | (c) Website hosting                      (d) Website security  |   |
| Q.2 | i. Differentiate personal website, commercial website and government website.                          | 2 |
|     | ii. Explain the concept of GET, POST, PUT and DELETE method.   | 3 |
|     | iii. Describe the working of web with the help of diagram.   | 5 |
| OR  | iv. Explain the structure of anatomy of webpage.   | 5 |
| Q.3 | i. What is the use of <TR>,<TD> and <TH> tag.  | 2 |
|     | ii. Explain the HTML structure of <DL>,<DT> and <DD> tag with suitable HTML code and output.           | 8 |
| OR  | iii. Write an HTML code to design a form. Create the following field in the form:                      | 8 |
|     | (a) Text box                      (b) Password    (c) Check Box  |   |
|     | (d) Radio Button                      (e) Submit   |   |
| Q.4 | i. Write the syntax of CSS and also mention CSS syntax parts with example.                             | 3 |
|     | ii. Describe the different types of CSS Selector.  | 7 |
| OR  | iii. How can you design tables using CSS? Write the CSS code for Border-Collapse property with output. | 7 |
| Q.5 | i. What is the use of concatenation in PHP? Write PHP code also.                                       | 4 |
|     | ii. Explain the different types of operators involved in PHP with examples.                            | 6 |
| OR  | iii. Explain with PHP code that how can we use FOR LOOP in PHP.  | 6 |
| Q.6 | Attempt any two:   |   |
|     | i. How website is different from portal?   | 5 |
|     | ii. Explain the components of website.   | 5 |
|     | iii. How can we secure our website?  | 5 |

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## Scheme of Marking



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Note: The Paper Setter should provide the answer wise splitting of the marks in the scheme below.

Q.1	i)	iii	c	1
	ii)	i	a	1
	iii)	ii	b	1
	iv)	iii	c	1
	v)	iv	d	1
	vi)	ii	b	1
	vii)	iv	d	1
	viii)	i	a	1
	ix)	ii	b	1
	x)	iii	c	1
Q.2	i.	One one point is enough		2
	ii.	If all written give full marks otherwise deduct 1 mark.		3
	iii.	Diagram-3 marks explanation-2 marks		5
OR	iv.	Structure description-full marks, if half structure. deduct some marks		5
Q.3	i.	If any part missed then deduct marks otherwise full marks		2
	ii.	Full code written give full marks otherwise deduct marks accordingly.		8
OR	iii.	If any field missed deduct marks accordingly otherwise full marks		8
Q.4	i.	Only syntax-1.5 marks, label-1.5 marks		3
	ii.	Name written-3 marks, explanation with syntax-4 marks		7
OR	iii.	design tables using CSS:-3 marks. CSS code for Border-Collapse property with output:- 4 marks		7

Q.5	i.	Definition-2 marks, PHP code-2 marks		4
	ii.	Name of operators-2 marks, explanation with examples-4 marks		6
OR	iii.	Definition-2 marks, PHP code-4 marks		
Q.6	i.	Atleast three difference		5
	ii.	1. navigation 2. Web hosting 3. Call to actions 4. Title 5. Content 6. Visuals 7. Mobile responsiveness:- 3marks, explanation:-2 marks		5
	iii.	Dosattack, malware, blacklisting, vulnerability exploits, defacement, stolen data, phishing schemes, session hijacking, malicious redirects, SEO spam		5

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