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

Faculty of Engineering
End Sem Examination Dec-2023
CA5CO30 Internet & Web Technologies

Programme: MCA / BCA-MCA (Integrated)   Branch/Specialisation: Computer 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 provides meta-information about a request? **1**
(a) URL   (b) Methods   (c) Header   (d) Body

ii. URL contains- **1**
(a) 2 parts   (b) 3 parts   (c) 4 parts   (d) 5 parts

iii. Which attribute of <BODY> tag specifies the color of visited links in a document? **1**
(a) link   (b) alink   (c) vlink   (d) visitlink

iv. Colspan=n can be added to which tag? **1**
(a) <hr>   (b) <table>   (c) <tr>   (d) <td>

v. Which of the following is the correct syntax for referring the external style sheet? **1**
(a) <style src="example.css">
(b) <style src=example.css>
(c) <style>example.css</style>
(d) <link rel="stylesheet" type="text/css" href="example.css">

vi. The CSS property used to make the text bold is- **1**
(a) font-weight-bold   (b) weight:bold
(c) font:bold   (d) style:bold

vii. My SQL is a- **1**
(a) Programming language   (b) Database server
(c) Both (a) and (b)   (d) None of these

viii. Which of the following is not the kind of arrays in PHP? **1**
(a) Two-dimensional array   (b) Numeric array
(c) Associative array   (d) Multi-Dimensional array

ix.   Which domain extension shows networking organization?   **1**
(a).org   (b) .netorg   (c) .net   (d) All of these

x.   Which of the following are used to check software, networks, or **1**
operating systems for coding errors that may result in security
weaknesses?
(a) Fuzzing tools   (b) Black box testing tools
(c) White box testing tools   (d) All of these

Q.2 i.   Define static and dynamic website.   **2**

ii.   What is the role of URL? Also define absolute and relative URL.   **3**

iii.   Describe the types of web app. What are the Job responsibilities of web **5**
designer?

OR iv.   Explain the working of web with the help of flow diagram.   **5**

Q.3 i.   What is the purpose of using type attribute used in lists? Write syntax. **2**

ii.   Write HTML code for the following output: **8**

Activities	
Sr School	Maths Club
	Robotics Club
	Photography
Middle School	Gymnastic
	Yoga
	Computer Club
Primary School	Dance
	Vocal Music
	Swimming

OR iii.   Explain the use of <DL>, <DT> and <DD> HTML elements with **8**
examples. Also explain how can we insert images in the web page
using HTML with all its attributes and properties.

Q.4 i.   How we can manage background colour using CSS? Write CSS code **3**
with output.

ii.   Explain border-collapse and border-spacing property in tables with the **7**
help of CSS code and output.

OR iii.   How can we set page margin using CSS? Explain the properties with **7**
the CSS code and output.

Q.5 i.   What are the rules of PHP variables?   **4**

ii.   Explain conditional statements used in PHP with syntax and examples. **6**

OR iii.   Explain WHILE LOOP and FOR LOOP used in PHP with syntax and **6**
examples.

Q.6   Attempt any two:

i.   What is web portal? Explain its types.   **5**

ii.   Discuss what web designer can think while constructing a website? **5**
How we can design our website?

iii.   Describe how web hosting works?   **5**

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Marking Scheme
CA5CO30 (T)- Internet & Web Technologies
(T) -

Q.1 i)   c) Header   **1**
     ii)   b)3 parts   **1**
     iii)   c) vlink   **1**
     iv)   d) <td>   **1**
     v)   d) <link rel="stylesheet" type="text/css" href="example.css">   **1**
     vi)   a)font-weight-bold   **1**
     vii)   b) Database server   **1**
     viii) a)Two-Dimensional Array   **1**
     ix)   c) .net   **1**
     x)   a)Fuzzing Tools   **1**

Q.2 i.   Static-   1 mark   **2**
            Dynamic-   1 mark
     ii.   Role of URL-   1.5 marks,   **3**
            Relative and absolute-   1.5 marks
     iii.   types of Web App-   2 marks   **5**
            Job responsibilities of Web Designer-   3 marks
OR   iv.   Working explanation-   3 marks   **5**
            flow diagram-   2 marks

Q.3 i.   Purpose-   1 mark,   **2**
            syntax-   1 mark
     ii.   <tr>   **8**
             <td rowspan="3"> Sr School </td>
             <td> Maths Club </td>
             </tr>
             <tr>
             <td> Robotics Club </td>
             </tr>
             <tr>
             <td> Photography </td>
             </tr>
             <tr>
             <td rowspan="3"> Middle School </td>
              <td> Gymnastic </td>
             </tr>
             <tr>

<td> Yoga </td>
</tr>
<tr>
<td> Computer Club </td>
</tr>
<tr>
<td rowspan="3"> Primary School </td> <td> Dance </td>
</tr>
<tr>
<td> Vocal Music </td>
</tr>
<tr>
<td> Swimming </td> </tr>
</table>

OR   iii.   1st part of the question -   4 marks,   **8**
            2nd part of the question-   4 marks

Q.4 i.   Explanation-   2 marks   **3**
            code and output-   1 mark
     ii.   Explanation-   3 marks,   **7**
            code and output-   4 mark
OR   iii.   Explanation and properties-   4 marks   **7**
             code and output-   3 marks

Q.5 i.   All rule-   4 marks   **4**
     ii.   Explanation-   4 marks,   **6**
            Syntax examples-   2 marks
OR   iii.   Explanation-   4 marks,   **6**
            Syntax examples-   2 marks

Q.6 i.   Definition-   2 marks,   **5**
             types explanation-   3 marks
     ii.   1st part of the question –   2.5 marks,   **5**
            2nd part of the question-   2.5 marks
     iii.   Working explanation-   5 marks   **5**

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