Roll No. …………………..

BCA–C-302

B. C. A. (Third Semester)
EXAMINATION, 2020-21

WEB TECHNOLOGIES

Time : 2:30 Hours

Maximum Marks : 60

Note : All questions have to be attempted.

Section—A

1. Multiple choice type questions :   1 each

    (i)   Which tag is used to create hyperlink in HTML ?
                                                 (CO2)

        (a)

        (b)   <a>

        (c)   <href>

        (d)   <link>

    (ii) Point out the wrong statement :   (CO1)

        (a)   CSS is used to validate HTML page

        (b)   JavaScript can be included using <script>tag

        (c)   HTML is a markup language

        (d)   All of the mentioned

(iii) Point out the correct statement :   (CO4)

    (a)   php is a client side scripting language

    (b)   php supports database handling

    (c)   php is not case sensitive

    (d)   All of the mentioned

(iv) To change the stack order of elements in CSS given property is used :   (CO3)

    (a)   stack-order

    (b)   stack-position

    (c)   z-position

    (d)   z-index

(v)   * is also known as .... selector.   (CO5)

    (a)   element

    (b)   class

    (c)   id

    (d)   universal

(vi) The output of the PHP code is <?php $a = array (12, 5, 2); echo (array_product($a));?> :   (CO4)

    (a)   024

    (b)   120

    (c)   010

    (d)   060

P. T. O.

(vii) Characteristics of <DIV> and <SPAN> are :

(CO2)

(a) <DIV> inherits properties defined for <SPAN> in a stylesheet

(b) <SPAN> and <DIV> define content to be inline or block-level

(c) <DIV> and <SPAN> are used as alternatives for element <P>

(d) <DIV> is used inside element <P>

(viii) Which of these tags are all <table> tags ? (CO2)

(a) <table> <head> <tfoot>

(b) <table> <tr> <td> <thead>

(c) <thead> <body> <tr> <caption>

(d) <table> <tr> <tt>

(ix) Border in css has the following properties : (CO3)

(a) width

(b) style

(c) color

(d) All of the above

(x) Which tag is used to create a check box in HTML ? (CO2)

(a) <checkbox>

(b) <select>

(c) <input type = checkbox>

(d) None of the above

(xi) Which of the following is the correct syntax to add an iframe ? (CO2)

(a) <iframe src = " demo_iframe.htm " style = " border:none " > < / iframe >

(b) <iframe src = " demo_iframe.htm " style = " border:5px dotted red " > < / iframe >

(c) <iframe src = " demo_iframe.htm " width = " 200 " height = " 200 " > < / iframe >

(d) <iframe src = " URL " > < / iframe >

(xii) Which variable is used to collect form data sent with both the GET and POST methods ? (CO4)

(a) $BOTH

(b) $REQUEST

(c) $_BOTH

(d) $_REQUEST

2. Attempt any *four* of the following (Short answer type questions) : 3 each

(a) Differentiate ordered and unordered lists. (CO2)

(b) Write a note on DHTML. (CO1)

(c) Write a short note on web architecture MVC Model. (CO4)

(d) Write a note on MySQL. (CO5)

(e) Explain DOM briefly. (CO3)

Section—B

3. Attempt any *two* of the following : 6 each

(a) Discuss the concept of transforming XML using XSL and XSLT. (CO1)

   (b) Explain lists and tables with respect to CSS with example.   (CO3)

   (c) Explain the term link and write its major types with example.   (CO2)

4. Attempt any *two* of the following :   6 each

   (a) Explain the major objects available in JavaScript with example.   (CO3)

   (b) Discuss positioning and page layout properties in CSS with example.   (CO3)

   (c) How could you describe events and event handling in JavaScript ?   (CO3)

5. Attempt any *two* of the following :   6 each

   (a) Design and implement a web application verifying student data provided by client from server end using PHP.   (CO4)

   (b) Explain the concept of multi-dimensional arrays in PHP using an appropriate example.   (CO4)

   (c) Write the process to create and manage the cookies in PHP with example.   (CO4)