

Roll No.

BCA-C302

B. C. A. (Third Semester)

EXAMINATION, 2022-23

WEB TECHNOLOGIES

Time : 2 $\frac{1}{2}$ Hours

Maximum Marks : 60

Note : Question paper has two Sections. Read carefully instruction for each Section.

Section—A

1. Choose the correct option : 1 each
 - (a) Choose the correct HTML tag for the large heading : (CO2, BL-1)
 - (i) <h1>
 - (ii) <h2>
 - (iii) <h6>
 - (iv) <h3>

- (b) Choose the correct HTML tag to make a text bold : (CO2, BL-1)
- (i) <bd>
 - (ii) <bold>
 - (iii) <bl>
 - (iv)
- (c) Which tag adds a paragraph break after the text ? (CO2, BL-1)
- (i)

 - (ii) <p>
 - (iii)
 - (iv) <hr>
- (d) Which of the following is underline tag ? (CO2, BL-1)
- (i) <line_under>
 - (ii) <uline>
 - (iii) <u>
 - (iv)
- (e) HTML files have a default file extension of (CO1, BL-1)
- (i) .html
 - (ii) xml
 - (iii) .php
 - (iv) .ph

(f) What will be the output of the following code ?

(CO3, BL-3)

<?php

```
$fruits = array("apple", "orange", array ("pear",
"mango"), "banana");
```

```
echo (count($fruits, 1));
```

?>

- (i) 3
- (ii) 4
- (iii) 5
- (iv) 6

(g) What will be the output of the following code ?

(CO5, BL-3)

<?php

```
$a = 5;
```

```
$b = 5;
```

```
echo ($a === $b);
```

?>

- (i) 5==5
- (ii) error
- (iii) 1
- (iv) false

- (h) What will be the output of the following PHP code ? (CO4, BL-3)

```
<?php  
$num = 10;  
echo 'What is her age?\n She is $num years old';  
?>
```

(i) What is her age?\n She is \$num year old

(ii) What is her age?

She is \$num year old

(iii) What is her age? She is 10 year old

(iv) What is her age?

She is 10 year old

- (i) PHP was developed by : (CO4, BL-1)

(i) Rasmus Lerdorf

(ii) Robert Zend

(iii) Zeev Suraski

(iv) Andy Gutamen

- (j) To create a bullet list we use : (CO2, BL-2)

(i)

(ii)

(iii)

(iv) None of the above

(k) Which tag will add rows to your table ?

(CO2, BL-1)

- (i) <tr> and </tr>
- (ii) <th> and </th>
- (iii) <td> and </td>
- (iv) None of the above

(l) What will be output of the following PHP code ?

(CO4, BL-3)

```
<?php
```

```
$fruits = array ("apple", "orange", "banana");
```

```
echo (next($fruits));
```

```
echo (next($fruits));
```

```
?>
```

- (i) orangebanana
- (ii) appleorange
- (iii) orangeorange
- (iv) appleapple

2. Write short notes on any *four* of the following : 3 each

(a) Explain External CSS. (CO3, BL-1)

(b) Explain DOM. (CO4, BL-1)

(c) Create a code to explain for each loop in PHP. (CO4, BL-6)

(d) Create a code for Session in PHP. (CO4, BL-6)

(e) Explain Internal CSS. (CO3, BL-1)

Section—B

3. Attempt any two of the following : 6 each

- (a) What is WWW ? Explain different types of list tag in HTML with example. (CO1, BL-2)

(b) Create a code in HTML to design the following table : (CO2, BL-6)

CI	All Genders	By Gender	
		Males	Females
		9125604	4512358
Rural	6521458	4215389	4152348

- (c) Create a code in HTML to design the following frame : (CO2, BL-6)

Page 1	Page 3
	Page 4
Page 2	Page 5

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

- (a) What is JavaScript ? Create a code to validate the text box so that it can take only numeric value.

- (b) Explain the different types of event in JavaScript with a proper example. (CO3, BL-3)
- (c) Create a code to execute different types of array in PHP. (CO4, BL-6)
5. Attempt any *two* of the following : 6 each
- (a) Illustrate what is PHP ? Compare and contrast between the different versions of PHP ?
(CO4, BL-3)
- (b) Create a code in HTML to design student registration form with the following attributes (Emp No, Name, Branch, Salary) connected the form with a database save the data in a database using PHP. (CO5, BL-6)
- (c) Apply the concept of polymorphism in PHP and explain with example. (CO5, BL-3)