

U.G. 6th Semester Examination - 2022**BCA****[HONOURS]****Course Code : BBCACCHC601****Course Title : Web Technology**

Full Marks : 30

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*1. Answer any **ten** questions: 1×10=10

- a) What are Empty tags? Give example.
- b) What is z-index in CSS?
- c) Write code to define and initialize associative array.
- d) What will be the output of the following Java Script code:


```
var a=1;
var b="1";
if(a===b){
```

```
document.write ("Java-Script");
} else {
document.write ("ECMA-Script");
}
```

- e) What are the differences between \$_POST, \$_GET and \$_REQUEST?
- f) Write the names of two library functions which are responsible for retrieve data from MySQL.
- g) What are the importances of dynamic website?
- h) How define() function can be used in PHP?
- i) What is a Web-Server? Give Example.
- j) Give example of a loop in JavaScript.
- k) What is the output of the following code:

```
<?php
$a=5;
$b='5';
echo $a+$b;
?>
```

- l) How is a constant defined in a PHP script?
- m) What is CSS?

- n) Is Java Script a strongly typed language?
- o) What are the different types of errors in PHP?
2. Answer any **five** questions: $2 \times 5 = 10$
- a) What are the different types of errors available in PHP?
- b) How AJAX and JavaScript is interrelated?
- c) What is the purpose of php.ini file?
- d) How will you connect a MySQL database using PHP?
- e) Define Absolute and Relative Addressing with example.
- f) What is the difference between session and cookie?
- g) How to get number of arguments passed to a PHP Function?
- h) Write a PHP program to interchange the values of two variables using function.
3. Answer any **two** questions: $5 \times 2 = 10$
- a) i) What are block elements in HTML? Give example.
- ii) Write a program using HTML and Java Script that accepts numeric value (0-9)

but returns an error message when alphabets (A-Z or a-z) or special symbols (\$,#,% etc) are entered in a input field in HTML? $1+4=5$

- b) What is session and what is cookies? How we can start a session? How we can create cookies? What are the differences between session and cookies? $1+1+1+1+1=5$
- c) Suppose we have a MySQL database named 'Library' and the database contains a table namely 'Book' with the attributes 'book_id', 'book_name', 'auth_name', 'ISBN' and 'price'. Write HTML and PHP code to list all the books written by a particular author. The author's name should be input by the user from an HTML text box. 5
