



**BRAINWARE UNIVERSITY**

**Term End Examination 2018 - 19**

**Programme – Bachelor of Science (Honours) in Computer Science**

**Course Name – Internet Technology**

**Course Code - BCS501A**

(Semester – 5)

**Time allotted: 3 Hours**

**Full Marks : 70**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

**Group –A**

(Multiple Choice Type Question)

10 x 1 = 10

1. *Choose the correct alternative from the following*

(i) PHP's numerically indexed array begin with position \_\_\_\_\_

- a. 1
- b. 0
- c. -1
- d. None of the above

(ii) How to define a variable in PHP?

- a. \$variblename=value
- b. \$variblename==value
- c. \$variblename=value;
- d. None of the above

(iii) PHP is a \_\_\_\_\_ typed language.

- a. User
- b. Server
- c. System
- d. Loosely

(iv) Where session\_start() function must appear in PHP?

- a. Before <Body> tag
- b. Within <Body> tag
- c. Anywhere in the HTML file
- d. None of the above

- (v) A CSS file has a default file extension of \_\_\_\_\_.
- .html
  - .php
  - .css
  - .xml
- (vi) Which function displays the information about PHP?
- sysinfo()
  - phpinfo()
  - php\_info()
  - None of the above
- (vii) Which of the following is/are an exception?
- DomainException
  - BadMethodCallException
  - LogicalException
  - OutOfBoundException
- (viii) Which two predefined arrays are used to retrieve information from forms?
- \$GET & \$SET
  - \$\_GET & \$\_SET
  - \_\_\$GET & \$\_\_SET
  - GET & SET
- (ix) What will be the output of the following php code?
- ```
<?php
    $states = array("karnataka" => array
        ( "population" => "11,35,000", "captial" => "Bangalore"),
        "Tamil Nadu" => array( "population" => "17,90,000",
        "captial" => "Chennai" );
    echo $states["karnataka"]["population"];
?>
```
- Karnataka 11,35,000
  - 11,35,000
  - Population 11,35,000
  - Karnataka population

(x) What will be the output of the following php code?

```
<?php
    $a = 5;

    $b = 5;

    echo ($a === $b);

?>
```

- a. 5===5
- b. Error
- c. 1
- d. False

**Group – B**

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following

- 2. How to create persistent cookie in php? 5
- 3. Why do we use subnetting ? Explain subnetting of class C network. 1+4
- 4. How many types of CSS Style can be created? Exemplify each of them. 5
- 5. What is the utility of a ‘Loop Back Address’ in Networking? 5
- 6. Write PHP code to print first 10 prime numbers on screen. 5

**Group – C**

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following

- 7. (a) Write sql query to print the employee name who works for ‘EDP’ department. 5
- (b) How does session simplify the information passing from one page to another page in web application? Exemplify with PHP code. 10

- |     |     |                                                                                                                             |     |
|-----|-----|-----------------------------------------------------------------------------------------------------------------------------|-----|
| 8.  | (a) | Write CSS code to draw red border around a paragraph.                                                                       | 5   |
|     | (b) | In how many ways we can retrieve the data in the result set of Mysql using PHP? Explain each of them.                       | 10  |
| 9.  | (a) | What is flow control in Networking? Identify the problem associated with it.                                                | 2+3 |
|     | (b) | Discuss the scope of regular expression in PHP.                                                                             | 5   |
|     | (c) | What do you mean by the term Firewall in Networking? Discuss its utility.                                                   | 5   |
| 10. | (a) | How to declare an array in PHP? What is associative array in PHP?                                                           | 2+3 |
|     | (b) | Differentiate between Intranet, Extranet and Internet.                                                                      | 5   |
|     | (c) | Describe an IP datagram with proper diagram                                                                                 | 5   |
| 11. | (a) | What is the difference between post method and get method?                                                                  | 7   |
|     | (b) | What is the utility of regular expression in PHP? Construct a regular expression to find all words ends with 's' in a text. | 4+4 |

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