

Roll No.

BCA-305

**B. C. A. (Third Semester)
EXAMINATION, 2017-18**

WEB TECHNOLOGIES AND PHP

Time : 2½ Hours

Maximum Marks : 60

Note : All questions are compulsory.

Section—A

1. Multiple choice questions : 1 each

(i) HTML uses :

 - (a) User defined tags
 - (b) Pre-specified tags
 - (c) Fixed tags defined by the language
 - (d) Tags only for linking

(ii) To create a link to an e-mail address the following syntax is used :

 - (a) email
 - (b)
email
 - (c)
email
 - (d) None of these

- (iii) How can you open a link in a new browser window ?
- (a) Link name to be displayed
 - (b) Link name to be displayed
 - (c) Link name to be displayed
 - (d) None of these
- (iv) Which of the following is not a build-in associative array used by PHP ?
- (a) \$_URL
 - (b) \$_FILES
 - (c) \$_GET
 - (d) \$_POST
- (v) Link in HTML can be of the following type(s).
- (a) Visited
 - (b) Active
 - (c) Unvisited
 - (d) All are the types of links
- (vi) Consider the following regular expression and select the correct answer :

$^{\text{[a-zA-Z] [a-z09]+\$}}$

- (a) The pattern must start with a capital letter

- (b) The pattern must contain exactly two characters
- (c) The pattern must contain at least one letter
- (d) The pattern must contain at least one numeric digit
- (vii) Is it possible to submit a form without a submit button ?
- (a) Yes
- (b) No
- (viii) Which of the following will not combine string \$s1 and \$s2 into a single string ?
- (a) \$s1 + \$s2
- (b) “{Ss1} {\$s2}”
- (c) \$s1.\$s2
- (d) implode(‘ ‘, array (\$s1, \$s2))
- (ix) Which variable scope is not supported in PHP ?
- (a) Local variables
- (b) Hidden variables
- (c) Static variable
- (d) Global variable
- (x) <?php \$x = array (4, 2, 5, 1, 4, 5, 3, 4);
\$y=array_count_values (\$x); echo count(\$y); ?>
- (a) 8
- (b) 5
- (c) 27
- (d) 28

- (xi) In php string data are :
- (a) delimited by single quote
 - (b) delimited by double quote
 - (c) delimited by < <<identifier
 - (d) All of the above
- (xii) In PHP language variables are case sensitive :
- (a) True
 - (b) False
 - (c) Depends on website
 - (d) Depends on server
2. Attempt any *four* of the following : 3 each
- (a) What do you understand by HTML ? Explain the difference between HTML and DHTML.
 - (b) Explain inline, internal (embedded) and external stylesheet with example.
 - (c) What is the difference between Warning, Notices and Fatal error in PHP ?
 - (d) Difference between `isset()` and `unset()` functions .
 - (e) Write a short on MVC architecture using suitable diagram.

Section—B

3. Attempt any *two* questions : 6 each
- (a) Write a JavaScript code to validate an email-id inputted by the user.

- (b) Write causes and solution for the following :
- (i) Warning : Missing argument for function_name(), called in online
 - (ii) Warning : Cannot modify header information headers already send by
 - (iii) Expects parameter 1 to be array; String given in
 - (iv) Parse error : syntax error, unexpected T_STRING in
 - (v) Fatal error : Call to undefined function functionname() in Online
 - (vi) Notice : Undefined variable : variable name in filename online
- (c) What is Table ? Explain tag for creating table with all possible attributes. Provide suitable example for each of them.
4. Attempt any *two* questions : 6 each
- (a) Explain with example, how to use mysqli functions to display first 20 records. of a given table.
 - (b) What is array ? With the help of suitable example discuss different types of arrays available in PHP.

- (c) Explain the difference between any *two* of the following :
- (i) GET and POST Method
 - (ii) Static and global variable
 - (iii) `mysqli_fetch_array()` and
`mysqli_fetch_assoc()`
5. Attempt any *two* questions : 6 each
- (a) Explain different object oriented concepts using suitable example in PHP.
 - (b) What do you understand by session management ? How is it achieved in PHP ?
 - (c) Explain the use of Cookie ? When cookie is expired ? Explain how it is created, retrieved and deleted.