

Enrollment No.....



**Faculty of Science**  
**End Sem (Even) Examination May-2019**  
**BC3SE04 PHP Programming**

Programme: B.Sc. (CS)

Branch/Specialisation: Computer  
Science**Duration: 3 Hrs.****Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i. Which of the below statements is equivalent to \$add += \$add? **1**  
 (a) \$add = \$add (b) \$add = \$add + \$add  
 (c) \$add = \$add + 1 (d) \$add = \$add + \$add + 1
- ii. Which of the following PHP statements will output Hello World on the screen? **1**  
 I. echo ("Hello World"); II. print ("Hello World");  
 III. printf ("Hello World"); IV. sprintf ("Hello World");  
 (a) I and II (b) I, II and III  
 (c) I, II and IV (d) All of these
- iii. What will be the output of the following PHP code? **1**  

```
<?php
$i = 1;
if ($i++ && ($i == 1))
    printf("Yes\n$i");
else
    printf("No\n$i");
?>
```

 (a) No 2 (b) Yes 1 (c) Yes 2 (d) No 1
- iv. Which in-built function will add a value to the end of an array? **1**  
 (a) array\_unshift() (b) into\_array()  
 (c) inend\_array() (d) array\_push()

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- v. What is the value of \$a and \$b after the function call? **1**  
 <?php  
 function doSomething( &\$arg ) {  
 \$return = \$arg;  
 \$arg += 1;  
 return \$return;  
 }  
 \$a = 3;  
 \$b = doSomething( \$a );  
 ?>  
 (a) a is 3 and b is 4 (b) a is 4 and b is 3  
 (c) Both are 3 (d) Both are 4 **1**
- vi. What will be the output of the following PHP code? **1**  
 <?php  
 echo ucwords("i love my country");  
 ?>  
 (a) I love my country (b) i love my Country  
 (c) I love my Country (d) I Love My Country
- vii. When you use the \$\_POST variable to collect data, the data is visible to. **1**  
 (a) None (b) Everyone (c) Only you (d) Selected few
- viii. Which one of the following statements should be used to include a file? **1**  
 (a) #include 'filename'; (b) include 'filename';  
 (c) @include 'filename'; (d) #include ;
- ix. In PHP in order to access MySql database you will use: **1**  
 (a) mysqlconnect() function (b) mysql-connect() function  
 (c) mysql\_connect() function (d) sql\_connect() function
- x. Study following steps and determine the correct order **1**  
 I. Open a connection to MySql server  
 II. Execute the SQL query  
 III. Fetch the data from query  
 IV. Select database  
 V. Close Connection  
 (a) I, IV, II, III, V (b) IV, I, II, III, V  
 (c) I, V, IV, II, III (d) IV, I, III, II, V

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- Q.2 i. How PHP variables are different from other language's variables? **2**  
 ii. Write any three differences between echo and print with example. **3**  
 iii. How to create constant in PHP? What are the advantages and limitations of PHP? **5**  
 OR iv. What are the different operators available in PHP? Explain with example. **5**
- Q.3 i. What is the use of isset ()? How to use date and time function in PHP. **3**  
 ii. Write a program to take values from user in array and display its data on browser. **7**  
 OR iii. Explain any seven array functions with example. **7**
- Q.4 Attempt any two:  
 i. What do you mean by strcmp () and strpos (). Explain call by value and call by reference with example. **5**  
 ii. Define explode () function. How to format the string with printf () and sprintf ()? Explain with example. **5**  
 iii. Create a program to take input from the user and check whether the number is Armstrong or not. **5**
- Q.5 i. Explain any three difference between \$\_GET & \$\_POST with example. **3**  
 ii. Create a form using HTML and CSS after that submit that form data via GET method. **7**  
 OR iii. Create a calculator script that enables the user to submit two numbers and choose an operation (addition, multiplication, division, or subtraction) to perform on them. **7**
- Q.6 i. Differentiate mysql\_fetch\_row() and mysql\_fetch\_array() function. **2**  
 ii. Write a PHP script for validate the data in registration form and if data validated successfully then save the data in database and if not then display proper error message. **8**  
 OR iii. How to fetch data from MySQL database using PHP. Explain with example. **8**

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**Marking Scheme**  
**BC3SE04 PHP Programming**

Q.1	i.	Which of the below statements is equivalent to \$add += \$add? (b) \$add = \$add + \$add	1
	ii.	Which of the following PHP statements will output Hello World on the screen? (b) I, II and III	1
	iii.	What will be the output of the following PHP code? (a) No 2	1
	iv.	Which in-built function will add a value to the end of an array? (d) array_push()	1
	v.	What is the value of \$a and \$b after the function call? (b) a is 4 and b is 3	1
	vi.	What will be the output of the following PHP code? (d) I Love My Country	1
	vii.	When you use the \$_POST variable to collect data, the data is visible to. (c) Only you	1
	viii.	Which one of the following statements should be used to include a file? (b) include 'filename';	1
	ix.	In PHP in order to access MySql database you will use: (c) mysql_connect() function	1
	x.	Study following steps and determine the correct order (a) I, IV, II, III, V	1
Q.2	i.	PHP variables are different from other language's variables	2
	ii.	Any three differences between echo and print with example 1 mark for each difference (1 mark * 3)	3
	iii.	Create constant in PHP Advantages 1.5 marks Limitations of PHP 1.5 marks	5
OR	iv.	Operators available in PHP 3 marks Example. 1 mark Output 1 mark	5
Q.3	i.	Use of isset () 1 mark Date function in PHP 1 mark Time function in PHP 1 mark	3
	ii.	Taking array from user 3 marks	7

OR	iii.	Display it on browser 3 marks Output 1 mark	7
		Any seven array functions with example. 1 mark for each (1 mark * 7)	
Q.4	i.	Attempt any two: Meaning of strcmp () and strpos () 2 marks Call by value with example 1.5 marks Call by reference with example 1.5 marks	5
		ii.	
		Explode () function 2 marks Format the string with printf () 1.5 marks Format the string with sprintf () 1.5 marks	
	iii.	Program to take input from the user and check whether the number is Armstrong or not. 5	5
		Input 1 mark Logic 4 marks	
Q.5	i.	Any three difference between \$_GET & \$_POST with example 1 mark for each difference (1 mark * 3)	3
	ii.	Create HTML and CSS after that submit that form data via GET method. 7	7
		For designing form (using html) 3 marks For styling form (using css) 2 marks For submit via get method 1.5 marks For output 0.5 mark	
		iii.	
		Create a calculator script 7	
OR		For designing 3 marks For logic 3 marks For output 1 mark	
Q.6	i.	Differentiate mysql_fetch_row() and mysql_fetch_array() function 1 mark for each difference (1 mark * 2)	2
	ii.	PHP script for validate the data in registration form 8	8
		Designed form 3 marks Validate each field 5 marks	
OR	iii.	Fetch data from MySQL database using PHP 8	
		For designing form 2 marks For connectivity 1 mark For fetching data from database 4 marks For output 1 mark	

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