

Total No. of Questions: 6

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Enrollment No.....



Faculty of Science  
End Sem (Even) Examination May-2019  
CA3SE06 PHP Programming  
Programme: BCA Branch/Specialisation: Computer Application

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 following is/are a PHP code editor? **1**  
I. Notepad II. Notepad++  
III. Adobe Dreamweaver IV. PDT  
(a) Only IV (b) I, II, III (c) Only III (d) All of these
- ii. Which of the following variables is not a predefined variable? **1**  
(a) \$get (b) \$ask (c) \$request (d) \$post
- iii. 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()
- iv. Loops that iterate for fixed number of times is called **1**  
(a) Unbounded loops (b) Bounded loops  
(c) While loops (d) For loops
- v. The inbuilt function to get the number of parameters passed is: **1**  
(a) arg\_num () (b) func\_args\_count ()  
(c) func\_num\_args () (d) None of these
- vi. A function in PHP which starts with \_\_(double underscore) is **1**  
known as.  
(a) Magic Function (b) Inbuilt Function  
(c) Default Function (d) User Defined Function
- vii. Which one of the following is the right way to clone an object? **1**  
(a) \_clone(targetObject);  
(b) destinationObject = clone targetObject;  
(c) destinationObject = \_clone(targetObject);  
(d) destinationObject = clone(targetObject);

P.T.O.

[2]

- viii. Which feature allows us to call more than one method or function of the class in single instruction? **1**  
 (a) Typecasting (b) Method Including  
 (c) Method adding (d) Method chaining
- ix. Which one of the following databases has PHP supported almost since the beginning? **1**  
 (a) Oracle Database (b) SQL  
 (c) SQL+ (d) MySQL
- x. Which method returns the error code generated from the execution of the last MySQL function? **1**  
 (a) errno() (b) errnumber()  
 (c) errorno() (d) errornumber()
- Q.2 i. What is PHP? Why do we used PHP? **2**  
 ii. How to create constants in PHP? Explain with example. **3**  
 iii. Write a program to demonstrate different data types available in PHP. **5**
- OR iv. What do you mean by local and global scope of variable in PHP script? Also differentiate these scopes with example. **5**
- Q.3 i. Explain 'break' and 'continue' keyword with the help of example. **4**  
 ii. What is Array? Write a program to calculate sum and average of 10 integer elements stored in array. **6**
- OR iii. Write a program to show day of week according to user input date using Date( ) function in PHP. **6**
- Q.4 i. What is function and string? Explain individually by example. **4**  
 ii. Explain call by value and call by reference with example. **6**
- OR iii. Write a program to perform the task of any two predefined string function using user defined function. **6**
- Q.5 i. Explain POST method. Explain its advantages and disadvantages over GET method. **4**  
 ii. What is abstract class and Interface in PHP? Explain with example. **6**
- OR iii. What is static keyword and what is the use of it in PHP? Explain with example. **6**

[3]

- Q.6 Attempt any two:
- i. Write the code for database connecting using MYSQL with PHP. **5**
- ii. Write a PHP script to validate user input data through database layer for at least five fields. **5**
- iii. Write and explain in brief MYSQL function / classes available in PHP that supports database connectivity. **5**

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**Marking Scheme**  
**CA3SE06 PHP Programming**

Q.1	i.	Which of the following is/are a PHP code editor? (d) All of these	<b>1</b>
	ii.	Which of the following variables is not a predefined variable? (b) \$ask	<b>1</b>
	iii.	Which in-built function will add a value to the end of an array? (d) array_push()	<b>1</b>
	iv.	Loops that iterate for fixed number of times is called (b) Bounded loops	<b>1</b>
	v.	The inbuilt function to get the number of parameters passed is: (c) func_num_args ()	<b>1</b>
	vi.	A function in PHP which starts with __(double underscore) is known as. (a) Magic Function	<b>1</b>
	vii.	Which one of the following is the right way to clone an object? (b) destinationObject = clone targetObject;	<b>1</b>
	viii.	Which feature allows us to call more than one method or function of the class in single instruction? (d) Method chaining	<b>1</b>
	ix.	Which one of the following databases has PHP supported almost since the beginning? (d) MySQL	<b>1</b>
	x.	Which method returns the error code generated from the execution of the last MySQL function? (a) errno()	<b>1</b>
Q.2	i.	PHP Uses of PHP	1 mark 1 mark <b>2</b>
	ii.	Create constants in PHP Example.	1.5 marks 1.5 marks <b>3</b>
	iii.	Program to demonstrate different data types available in PHP. Explanation Program	<b>5</b> 2 marks 3 marks
OR	iv.	Local and global variable scope Differentiate these scopes with example.	2 marks 3 marks <b>5</b>

Q.3	i.	Break statement	2 marks	<b>4</b>
		Continue statement	2 marks	
	ii.	Definition of Array	1 mark	<b>6</b>
		Declaration and defining Array	1 mark	
		Logic	3 marks	
Output		1 mark		
OR	iii.	Program to show day of week according to user input date using Date( ) function in PHP.		<b>6</b>
		Input	2 marks	
		Logic	3 marks	
		Output	1 mark	
Q.4	i.	Function	2 marks	<b>4</b>
		String	2 marks	
	ii.	Call by value and call by reference with example		<b>6</b>
		Call by value Definition	1.5 marks	
		Call by value example	1.5 marks	
		Call by reference Definition	1.5 marks	
		Call by reference example	1.5 marks	
OR	iii.	Program to perform the task of any two predefined string function using user defined function.		<b>6</b>
		First predefined string related user defined function	3 marks	
		Second predefined string related user defined function	3 marks	
Q.5	i.	POST method	1 mark	<b>4</b>
		Its advantages over GET method.	1.5 marks	
		Its disadvantages over GET method.	1.5 marks	
	ii.	Abstract class	2 marks	<b>6</b>
		Interface class	2 marks	
		Example.	2 marks	
OR	iii.	Static keyword Meaning	1.5 marks	<b>6</b>
		Static keyword Example	1.5 marks	
		Use of it in PHP	3 marks	
Q.6	Attempt any two:			

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|------|---|--------------|
| i.   | Write the code for database connecting using MYSQL with PHP   | <b>5</b>     |
|      | Connectivity  | 1 mark       |
|      | Code (logic)  | 3 marks      |
|      | Output  | 1 mark       |
| ii.  | PHP script to validate user input data through database layer | <b>5</b>     |
|      | At least five fields 1 mark for each field                    | (1 mark * 5) |
| iii. | MYSQL function / classes available in PHP                     | <b>5</b>     |
|      | Any five function 1 mark for each                             | (1 mark * 5) |

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