

Enrollment No.....



Faculty of Science

End Sem (Odd) Examination Dec-2022

BC3SE06 / CA3EL03 Advanced PHP

 Programme: B.Sc (CS) / BCA/ Branch/Specialisation: Computer
 BCA-MCA(Integrated) Science / 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 one of the following is the right description for the method **getMessage ()**? **1**
- (a) Returns the message if it is passed to the constructor
 - (b) Returns the message if it is passed to the class
 - (c) Returns the message if it is passed to the file
 - (d) Returns the message if it is passed to the object
- ii. What will be the output of the following PHP code? **1**
- ```
<?php
$num = "123";
if (!filter_var($num, FILTER_VALIDATE_INT))
 echo("Integer is not valid");
else
 echo("Integer is valid");
?>
```
- (a) No output is returned
  - (b) Integer is not valid
  - (c) Integer is valid
  - (d) Error
- iii. Which of the following functions reads the entire contents of a file? **1**
- I. fgets ()
  - II. file\_get\_contents ()
  - III. fread ()
  - IV. readfile ()
  - V. file ()
- (a) Option III and V
  - (b) Option I, III and IV
  - (c) Option II, IV and V
  - (d) Option II and IV

P.T.O.

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- iv. What will be the output of the following PHP code? **1**
- ```
<?php
$text = "this is\tsome text that\nwe might like to parse.";
print_r(split("\n\t",$text));
?>
```
- (a) This is some text that we might like to parse
 (b) Array ([0] => some text that [1] => we might like to parse)
 (c) Array ([0] => this is [1] => some text that [2] => we might like to parse)
 (d) [0] => this is [1] => some text that [2] => we might like to parse
- v. The session_start() function must appear _____. **1**
- (a) After the html tag (b) After the body tag
 (c) Before the body tag (d) Before the html tag
- vi. Name, value, expire, path, httponly, domain, secure all of these are arguments of- **1**
- (a) Session () function (b) Setcookie () function
 (c) Set_cookie () function (d) None of these
- vii. What is the correct jQuery code to set the background color of all p elements to red? **1**
- (a) \$("p").layout("background-color","red");
 (b) \$("p").manipulate("background-color","red");
 (c) \$("p").css("background-color","red");
 (d) \$("p").style("background-color","red");
- viii. What does the XMLHttpRequest object accomplish in Ajax? **1**
- (a) It's the programming language used to develop Ajax applications.
 (b) It provides the ability to asynchronously exchange data between web browsers and a web server.
 (c) It provides a means of exchanging structured data between the web server and client.
 (d) It provides the ability to mark up and style the display of web-page text.
- ix. Load remote data using HTTP GET- **1**
- (a) \$.get(url,data,callback,type)
 (b) \$.ajax(options)
 (c) \$.post(url,data,callback,type)
 (d) \$.getScript(url,callback)

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- x. 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
- Q.2 i. What do you mean by try, catch and throw block? **3**
 ii. How to throw exception multiple times? Explain with example. **7**
 OR iii. What do you mean by filter? Write a program to apply filter on various form fields. **7**
- Q.3 i. Define regex. **2**
 ii. How to create and read directories? **3**
 iii. Write a program to upload pdf file using PHP. **5**
 OR iv. Create a registration form and validate that form using regular expression. **5**
- Q.4 i. Write PHP program that counts visits and displays the web page using session. **3**
 ii. How does a PHP session work? Explain with example. **7**
 OR iii. How to create, store, retrieve and delete a cookie value? **7**
- Q.5 i. List some advantages and disadvantages of using Ajax. **3**
 ii. Define XMLHttpRequest object in Ajax. What are different readyState in Ajax? Explain with example. **7**
 OR iii. Explain all the jQuery traversing methods with one appropriate example. **7**
- Q.6 i. Explain jQuery with MySQL. **3**
 ii. How to fetch form data from database using Ajax and jQuery? **7**
 OR iii. Write a program to insert form data in database using Ajax. **7**

Marking Scheme

BC3SE06 / CA3EL03 Advanced PHP

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 (a) Returns the message if it is passed to the constructor
- ii. What will be the output of the following PHP code? **1**

```
<?php
$num = "123";
if (!filter_var($num, FILTER_VALIDATE_INT))
    echo("Integer is not valid");
else
    echo("Integer is valid");
?>
```

 (c) Integer is valid
- iii. Which of the following functions reads the entire contents of a file? **1**
 I. fgets ()
 II. file_get_contents ()
 III. fread ()
 IV. readfile ()
 V. file ()
 (c) Option II, IV and V
- iv. What will be the output of the following PHP code? **1**

```
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$text = "this is\tsome text that\nwe might like to parse.";
print_r(split("\n\t",$text));
?>
```

 (a) This is some text that we might like to parse
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- vii. What is the correct jQuery code to set the background color of all p **1**

- elements to red?
 (c) \$("p").css("background-color","red");
- viii. What does the XMLHttpRequest object accomplish in Ajax? **1**
 (b) It provides the ability to asynchronously exchange data between web browsers and a web server.
- ix. Load remote data using HTTP GET- **1**
 (a) \$.get(url,data,callback,type)
- x. In PHP, in order to access MySQL database you will use: **1**
 (c) mysql_connect() function
- Q.2 i. Try, catch and throw block **3**
 Definition 1 mark
 Example 2 marks
- ii. How to throw exception multiple times **7**
 Steps 2 marks
 Explanation 2 marks
 Example 3 marks
- OR iii. Definition of filter 3 marks **7**
 Program to apply filter on various form fields 4 marks
- Q.3 i. Definition of regex. **2**
 ii. How to create and read directories **3**
 Explanation 1 mark
 Code or steps 2 marks
- iii. Write a program to upload pdf file using PHP. **5**
 Steps 2 marks
 Code with appropriate function 3 marks
- OR iv. HTML Code 2 marks **5**
 Php Server Code for validation 3 marks
- Q.4 i. PHP program that counts visits and displays the web page using session. **3**
 Steps 1 mark
 Steps with code 2 marks
- ii. PHP session work definition 2 marks **7**
 Explanation 3 marks
 Example. 2 marks
- OR iii. How to create, store, retrieve and delete a cookie value **7**
 Definition 2 marks

	Create cookie	2 marks	
	Retrieve cookie	2 marks	
	Delete cookie	1 mark	
Q.5	i. Advantages of using Ajax	2 marks	3
	Disadvantages of using Ajax.	1 mark	
	ii. Definition XMLHttpRequest object in Ajax	2 marks	7
	Different readyState in Ajax	2 marks	
	Example.	3 marks	
OR	iii. Explain all the jQuery traversing methods with one appropriate example.		7
	Steps	2 marks	
	Explanation	2 marks	
	Example	3 marks	
Q.6	i. Explain jQuery with MySQL.		3
	ii. How to fetch form data from database using Ajax and jQuery?		7
	Definition	2 marks	
	Steps	2 marks	
	Code	3 marks	
OR	iii. Write a program to insert form data in database using Ajax.		7
	Ajax definition	2 marks	
	Ajax code	2 marks	
	Insert code	3 marks	
