Enrollment No.....................................

Faculty of Science
End Sem (Odd) Examination Dec-2019
BC3SE06 / CA3EL03 Advanced PHP

Programme: B.Sc. (CS) / BCA   Branch/Specialisation: Computer 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 of the following statements invoke the exception class?　**1**
(a) throws new Exception();　(b) throw new Exception();
(c) new Exception();　　　(d) new throws Exception();

ii.　Which one of the following filter is used to filter several variables　**1** with the same or different filters?
(a) filter_var_array()　　(b) filter_var()
(c) filter_input　　　　(d) filter_input_array

iii.　If you would like to read a file character by character which　**1** function do you use?
(a) fopen()　(b) fread()　(c) fgetc()　(d) file()

iv.　Which one of the following functions will convert a string to all　**1** uppercase?
(a) strtoupper()　　　(b) uppercase()
(c) str_uppercase()　　(d) struppercase()

v.　If the directive session.cookie_lifetime is set to 3600, the cookie　**1** will live until?
(a) 3600 sec　　　(b) 3600 min
(c) 3600 hrs　　　(d) The browser is restarted

vi.　If you want PHP to transparently handle passing session variables　**1** for you when cookies are not available, you have to configure?
(a) Enable-trans-sid option　(b) Enable-track-vars option
(c) Disable-tans-vars option　(d) Both (a) and (b)

vii.　Which of the following uses scripted HTTP?　**1**
(a) XML　　(b) HTML　　(c) Ajax　　(d) All of these

P.T.O.

    viii.   jQuery is a   **1**
          (a) JavaScript Library   (b) JavaScript Language
          (c) JavaScript Method   (d) PHP Method

    ix.   Which one of the following databases has PHP supported almost   **1**
        since the beginning?
          (a) Oracle Database   (b) SQL
          (c) SQL+   (d) MySQL

    x.   Which one of the following statements is used to create a table?   **1**
        (a) CREATE TABLE table_name (column_name column_type);
        (b) CREATE table_name (column_type column_name);
        (c) CREATE table_name (column_name column_type);
        (d) CREATE TABLE table_name (column_type column_name);

Q.2 i.   What do you mean by Exception in PHP?   **2**
     ii. How try, catch and throw block handle exception in PHP?   **3**
     iii. Write a program in PHP to create custom exception Class? Also   **5**
        show how exception handling done with multiple catch block?
OR iv. What are filters? Explain its uses with an example?   **5**

Q.3 i.   Explain files and directories in PHP?   **2**
     ii. Write a program in PHP for-   **8**
        (a) Opening and closing a file.
        (b) Coping, renaming and deleting a file.
OR iii. What is regular expression? Also Explain pattern matching in   **8**
        PHP with an example?

Q.4 i.   Define cookies with syntax?   **3**
     ii. Write a program in PHP how to create a cookie, and storing data   **7**
        in cookies?
OR iii. Define following terms with example-   **7**
        (a) Creating sessions and storing a session variable.
        (b) Structure of an email message and sending email with PHP.

Q.5 i.   Explain Ajax? Also write its features?   **4**
     ii. Write a program to show how Ajax works with PHP?   **6**

OR iii. What do you mean by JQuery? Explain uses of jQuery library   **6**
        function, and basics of jQuery?

Q.6   Attempt any two:
     i.   Integrating PHP forms with database using session.   **5**
     ii. Explain jQuery with mysql.   **5**
     iii. How Ajax and PHP use to fetch data from a mysql database.   **5**

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Marking Scheme
BC3SE06 / CA3EL03 Advanced PHP

Q.1 i. Which of the following statements invoke the exception class? **1**
(b) throw new Exception();

ii. Which one of the following filter is used to filter several variables **1**
with the same or different filters?
(a) filter_var_array()

iii. If you would like to read a file character by character which **1**
function do you use?
(c) fgetc()

iv. Which one of the following functions will convert a string to all **1**
uppercase?
(a) strtoupper()

v. If the directive session.cookie_lifetime is set to 3600, the cookie **1**
will live until?
(a) 3600 sec

vi. If you want PHP to transparently handle passing session variables **1**
for you when cookies are not available, you have to configure?
(d) Both (a) and (b)

vii. Which of the following uses scripted HTTP? **1**
(c) Ajax

viii. jQuery is a **1**
(a) JavaScript Library

ix. Which one of the following databases has PHP supported almost **1**
since the beginning?
(d) MySQL

x. Which one of the following statements is used to create a table? **1**
(a) CREATE TABLE table_name (column_name column_type);

Q.2 i. Definition Exception in PHP **2**
Any two points 1 mark for each   (1 mark * 2)

ii. Try, catch and throw block handle exception in PHP **3**
1 mark for each exception   (1 mark * 3)

iii. Program of custom exception Class   2.5 marks **5**
Program of exception handling done with multiple catch block
2.5 marks

OR iv. Filters **5**
Any three points 1 mark for each (1 mark * 3)   3 marks
Its uses with an example   2 marks

Q.3 i. Files   1 mark **2**
Directories in PHP   1 mark

ii. Write a program in PHP for- **8**
(a) Opening a file   2 marks
Closing a file.   2 marks
(b) Coping   1 mark
Renaming   1 mark
Deleting a file   2 marks

OR iii. Regular expression **8**
Any four points 1 mark for each (1 mark * 4)   4 marks
Pattern matching in PHP with an example   4 marks

Q.4 i. Cookies **3**
Any two points 1 mark for each (1 mark * 2)   2 marks
Syntax   1 mark

ii. Program in PHP **7**
Create a cookie   3.5 marks
Storing data in cookies   3.5 marks

OR iii. (a) Definition of Creating sessions   1 mark **7**
Defining storing a session variable   1 mark
Example program   1.5 marks
(b) Definition of Structure of an email message 1 mark
Defining sending email with PHP   1 mark
Example program   1.5 marks

Q.5 i. Ajax **4**
any two points 1 mark for each (1 mark * 2) 2 marks
Its features
Any four points 0.5 mark for each (0.5 mark * 4) 2 marks

ii. Program to show how Ajax works with PHP **6**

OR iii. JQuery   2 marks **6**
Uses of jQuery library function
Any two points 1 mark for each (1 mark * 2)   2 marks
Basics of jQuery
Any two points 1 mark for each (1 mark * 2)   2 marks

Q.6 Attempt any two:
i. Integrating PHP forms   3 marks **5**
For program   2 marks

ii.	jQuery with mysql	3 marks	**5**
	Program	2 marks.	
iii.	Ajax and PHP use to fetch data from a mysql database.		**5**
		4 marks	
	Example	1 mark	

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