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

Faculty of Science
End Sem (Odd) Examination Dec-2018
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. Which function is used to determine whether a file was uploaded?   **1**
             (a) is_file_uploaded()
             (b) is_uploaded_file()
             (c) file_uploaded("filename")
             (d) uploaded_file("filename")

       iv.   POSIX stands for   **1**
             (a) Portable Operating System Interface for Unix
             (b) Portable Operating System Interface for Linux
             (c) Portative Operating System Interface for Unix
             (d) Portative Operating System Interface for Linux

       v.   In PHP, cookies are set by using the   **1**
             (a) setcookie ( ) function   (b) set ( ) function
             (c) cookie_set ( ) function   (d) None of these

P.T.O.

vi. Which one of the following statements should you use to set the session username to Nachi? **1**
(a) $SESSION['username'] = "Nachi";
(b) $_SESSION['username'] = "Nachi";
(c) session_start("nachi");
(d) $SESSION_START["username"] = "Nachi";

vii. Which jQuery method is used to hide selected elements? **1**
(a) hidden()   (b) hide()   (c) visible(false) (c) display(none)

viii. What makes Ajax unique? **1**
(a) It works as a stand-alone Web-development tool.
(b) It works the same with all Web browsers.
(c) It uses C++ as its programming language.
(d) It makes data requests asynchronously.

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. Which one of the following statements instantiates the mysqli class? **1**
(a) mysqli = new mysqli()   (b) $mysqli = new mysqli()
(c) $mysqli->new.mysqli()   (d) mysqli->new.mysqli()

Q.2 i.   Why finally block is used in exception handling? **2**
     ii. Explain the exception handling mechanism with example. **8**
OR   iii. How to create custom exception class? Explain using example. **8**

Q.3 i.   What is regular expression? **2**
     ii. Write a program to upload and download a file in PHP. **8**
OR   iii. How pattern matching is performed in PHP? Explain. **8**

Q.4 i.   What are cookies? **2**
     ii. What is session? What are the various methods of session? Create PHP login form with session. **8**
OR   iii. What is E-mail? Explain the structure of E-mail message. **8**

Q.5 i.   What is AJAX? Write its features. **2**

     ii. What is jQuery? Explain jQuery selectors. **8**
OR   iii. Write a program to use Ajax in PHP form submitting **8**

Q.6   Write short note on any two:
     i.   mySQL database connectivity in PHP **5**
     ii. Retrieve data from database using Ajax **5**
     iii. jQuery with mysql **5**

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Marking Scheme

BC3SE06 / CA3EL03 Advanced PHP

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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. Which function is used to determine whether a file was uploaded? **1**
          (b) is_uploaded_file()
     iv. POSIX stands for **1**
          (a) Portable Operating System Interface for Unix
     v.   In PHP, cookies are set by using the **1**
          (a) setcookie ( ) function
     vi. Which one of the following statements should you use to set the **1**
          session username to Nachi?
          (b) $_SESSION['username'] = "Nachi";
     vii. Which jQuery method is used to hide selected elements? **1**
          (b) hide()
     viii. What makes Ajax unique? **1**
          (d) It makes data requests asynchronously.
     ix. In PHP in order to access MySQL database you will use: **1**
          (c) mysql_connect() function
     x.   Which one of the following statements instantiates the mysqli **1**
          class?
          (b) $mysqli = new mysqli()

Q.2 i.   For uses   1 mark   **2**
          For syntax   1 mark
     ii. Description   3 marks   **8**
          Example   5 marks
OR   iii. Custom exception class   2 marks   **8**
          Example   6 marks

Q.3 i.   Definition of regular expression   **2**
     ii. Program to upload a file in PHP   4 marks   **8**
          Program to download a file in PHP   4 marks

OR   iii. Explanation   3 marks   **8**
          Logic   3 marks
          Output   2 marks

Q.4 i.   Definition of cookies   **2**
     ii. Definition of session   2 marks   **8**
          Methods of session   2 marks
          PHP login form with session   4 marks
OR   iii. E-mail   3 marks   **8**
          Structure of E-mail message.   5 marks

Q.5 i.   Definition of AJAX   1 mark   **2**
          Its features.   1 mark
     ii. Definition of jQuery   2 marks   **8**
          jQuery selectors.   5 marks
          Output   1 mark
OR   iii. Program to use Ajax in PHP form submitting   **8**
          Creating Form   3 marks
          Logic   4 marks
          Output   1 mark

Q.6   Write short note on any two:
     i.   mySQL database connectivity in PHP   **5**
          1 mark for each step   (1 mark * 5)
     ii. Retrieve data from database using Ajax   **5**
          Logic   4 marks
          Output   1 mark
     iii. jQuery with mysql   **5**
          Logic   4 marks
          Output   1 mark

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