BCA Fourth Semester Examination, May – 2019
(Faculty of Science)
SECOND PAPER
PHP Programming
Paper Code :4621

Time Allowed: Three Hours   **Maximum Marks : 70**

(1) No supplementary answer book will be given to any candidate. Hence the candidates should write the answers precisely in the main answer book only.

(2) All the parts of one question should be answered at one place in the answer book.

(Attempt all six questions)

Part I (Question No. 1& 2) is compulsory & Part II (Question No. 3, 4, 5 & 6) has internal choice.

PART-I

1. Answer any 10 questions. Each question carries 1 mark.   **10x1= 10**
   (Words limit up to 20 words each)
   a) Name three conditional statements in PHP.
   b) How can we get the properties (size, type, width, height) of an image using PHP image function?
   c) What is the difference between Array Combine and Array Merges?
   d) Name different type of errors in PHP.
   e) State the difference between include() and include once().
   f) What is Juggling in PHP?
   g) Stat the difference between '= =' and '= = =' in PHP.
   h) Define String.
   i) State the difference between 'for' and 'foreach' statement.
   j) Write the function name to delete an element from an array.
   k) Differentiate between 'echo' and 'print' in PHP.
   l) State the purpose of 'n12br' string function.

2. Attempt all questions. Each question carries 5 marks.   **4x5=20**
   (Word limit up to 50 words each)
   a) Differentiate between Client Side and Server Side Scripting.
   b) Explain functions in PHP, in detail. Write a function to swap two numbers without using third variable.
   c) What are Cookies? How can you create, access and delete a cookie in PHP? Explain with example.
   d) Write a PHP script to insert records of student table through form and display records in table format.

PART-II
UNIT I

3. (a) What is PHP? Explain data types and variables in PHP. **4**

(b) What is the scope of variables? List and explain all scope of variables and super global variables in PHP with example. **3**

(c) Define constant in PHP with example. What is implicit and explicit casting in PHP? **3**

OR

(a) Differentiate between numeric and associate array with example. Write a PHP script to create a multidimensional array. **5**

(b) Create an associative array using the countries as keys, the cities as values and transform it into 2-Dimensional array and display the data as a table. **5**

UNIT II

4. What are functions in PHP? Explain its advantages and various types with example. Describe function overloading and overriding. **10**

OR

(a) How pattern matching is performed in PHP? Explain. **5**

(b) Explain stristr(), settype(), strcmp(), substr(). **5**

UNIT III

5. (a) What is Session? How to read and write session variables? What is the difference between session and cookie? **7**

(b) Explain Exception handling mechanism with example. **3**

OR

(a) How to create custom exception class? Explain with example. **6**

(b) Explain GET and POST method with example. **4**

UNIT IV

6. (a) Write a PHP script to open, close, read and write into a file. Explain with example. **5**

(b) What is File Handling in PHP? Write a PHP script to upload a file. **5**

OR

(a) What is MySQL? What are different data types in MySQL? Explain with example. **6**

(b) Write connectivity and selecting database statement which is used to connect PHP with MySQL. **4**

******