END TERM EXAMINATION

FIFTH SEMESTER [BCA] DECEMBER 2014

Paper Code: BCA313	**Subject: Web Based Programming**
Time : 3 Hours	**Maximum Marks :75**

Note: Attempt any five questions including Q.no.1 which is compulsory. Select one question from each unit.

Q1   Explain **any ten** of the following:-   (2.5x10=25)
(a) Differentiate between GET and POST method.
(b) Differentiate between Client Side Scripting and Server Side Scripting.
(c) Differentiate between Local and Remote Server.
(d) Explain the Features of PHP.
(e) What is Application State and how a string can be displayed using the PHP script?
(f) Differentiate between print and echo statement.
(g) Differentiate between Static and Dynamic website.
(h) Explain Comments and in how many ways we can add a comment to the PHP code?
(i) Explain how PHP is secure language?
(j) Explain with example how to concatenate two strings together in PHP.
(k) Explain the different types of errors in PHP.
(l) What is an Array and how we can declare an array using PHP?

UNIT-I

Q2   (a) Explain IIS in detail with its installation steps over any Operating System.   **(6)**
(b) Explain Web Server with its suitable Features.   **(4)**
(c) If a variable $test is equal to 'a' and variable $a is equal to 10 then what will be the value of $$test?   **(2.5)**

Q3   (a) Explain HTML with its features and limitations and compare it with PHP. Write a programme to explain how we can embed the PHP in the HTML code with suitable comments?   **(6.5)**
(b) Explain and compare the IIS and Apache web server. Define how server interacts with a client with the suitable differences between client and the server.   **(6)**

UNIT-II

Q4   (a) Explain the control structure of PHP in detail with suitable example.   **(7.5)**
(b) Write a programme to print the Factorial of a number.   **(5)**

Q5   (a) Explain PHP with the common way to start and finish a PHP block of code. Explain the Data Types supported by PHP and why PHP is known as Loosely Types Language.   **(6.5)**
(b) Write a programme to validate a string is Palindrome or not.   **(6)**

UNIT-III

Q6   (a) What is File Handling in PHP? Explain it with different Access Modes?   **(6)**
(b) Explain Sessions and Cookies with a suitable example.   **(6.5)**

Q7   (a) Write a programme using PHP to Read and to display the contents of a file.   **(6)**
(b) Write a programme to design a Login Form using the POST HTTP Method.   **(6.5)**

UNIT-IV

Q8   (a) What is MYSQL? Explain the various constraints of SQL and write the steps to design a table using MyPhpAdmin.   **(6.5)**
(b) Write a programme to store the student information (like: student name, age, marks, city etc.) through the form to the student database table.   **(6)**

Q9   (a) Write a programme to display all the content of the database on a web form with proper comments.   **(6.5)**
(b) Explain **any two** functions in detail:-   **(6)**
      (i) mysql_query( )   (ii) mysql_connect( )   (iii) mysql_close( )

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