END TERM EXAMINATION

FIFTH SEMESTER [BCA] DECEMBER 2016

Paper Code: BCA-313	**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 Do the following:-   **(10x2.5=25)**
  (a) How can we encrypt the username and password using PHP? What are the eneryption functions in Php?
  (b) Difference between GET, POST and REQUEST method.
  (c) What is the difference between array combine and array merges?
  (d) What are the different types of errors in PHP?
  (e) Difference between include(),include once(),required(), required once() and header('Location:')
  (f) Write a PHP script to send a mail.
  (g) What is maintaining state? How can we create, access and delete a cookie.
  (h) What is Juggling in PHP?
  (i) How to create and read the content of a file in PHP.
  (j) Difference between echo and print and == and === in PHP.

UNIT-I

Q2 (a) What is Web Application? Difference between traditional web Application and AJAX web Application. **(6.5)**
  (b) Difference between clients side and Server side Scripting. **(6)**

Q3 (a) Write down the steps of Installation of Apache, IIS and PWS. **(6.5)**
  (b) Differentiate between:- **(6)**
    (i) Static website and Dynamic Web Site
    (ii) Remote Server and Local Server
    (iii) PHP and JavaScript

UNIT-II

Q4 (a) What is PHP? 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. **(6)**
  (b) Define constant in PHP with example. Explain Variable scope and super global variable in PHP. **(6.5)**

Q5 (a) Explain functions in PHP in detail. Write a function to swap two numbers without using third variable. **(6)**
  (b) What do you mean by management of variables? Explain with the help of suitable example. Write a Menu-Driven program to implement a calculator which performs only addition, subtraction, multiplication and division. The operation should happen based on the user choice. **(6.5)**

UNIT-III

Q6 (a) How can we submit a form without a submit button. Design a login form using HTTP authentication. **(6.5)**
  (b) Write a Program using PHP to upload a file. **(6)**

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Q7 (a) Write a PHP code to design given Contact us form and provide validation on name.email. **(6.5)**

(b) Explain Session and Write a PHP script to count the number of visit of web page by the user using session. **(6)**

UNIT-IV

Q8 (a) What is MYSQL? Explain datatypes of MYSQL. Write the various constraints of SQL and write the steps to design a table using PhyMyadmin. **(8)**

(b) How to use MYSQL in Clause for string search and number search. **(4.5)**

Q9 (a) Write a PHP script to create a database employee and create a employee table with in the database with field name i.e. emp_id, emp_name, emp_salary and emp_designation. Insert a record and select all records of employee table and display in tabular format **(8.5)**

(b) Difference between mysql-connect and mysql-pconnect. **(2)**

(c) In how many ways we can retrieve the data in the result set of MySQL using PHP? **(2)**

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