

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 encryption 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)

P.T.O.

- 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)
