

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()