MCA DEGREE IV SEMESTER EXAMINATION APRIL 2013

CAS 2403//2404 WEB APPLICATION DESIGN USING PHP

Time: 3 Hours

Maximum Marks : 50

PART A
(Answer *ALL* questions)

(15 x 2 = 30)

I.   (a)   Define identifiers in PHP.
      (b)   Differentiate between 'include' and 'require'.
      (c)   Explain the different data types in PHP.

II.   (a)   What is the use of 'instance of keyword?
      (b)   What is object cloning? Give an example.
      (c)   Define abstract class and interface

III.   (a)   Discuss the usage of PEAR package manager.
      (b)   What is Pyrus?
      (c)   What is error logging?

IV.   (a)   What are the uses of LDAP?
      (b)   Write a simple PHP code for passing data from HTML form to a PHP script.
      (c)   Write a simple PHP code for reading two values from a HTML form and display it.

V.   (a)   What is HTTP authentication?
      (b)   Give any one encryption function in PHP with example.
      (c)   What is a XML document? Write a XML document.

PART B

(5 x 4 = 20)

VI.   A.   Write PHP code for printing multiplication tables upto *n* numbers using functions.
                         OR
      B.   Write PHP code for performing the following for a given sentence.
           (i)   Find the number of words in the string.
           (ii)   Store each word to a string array.
           (iii)   Capitalize the first letter of each word in the string.
           (iv)   Replace all instances of a word with a string.

VII.   A.   Illustrate with an example how classes are created in PHP with getter and setter functions.
                         OR
      B.   Illustrate with an example how constructors and destructors are used in class.

VIII.   A.   What are the different Data and Time functions in PHP? Give examples.
                         OR
      B.   Explain exception handling in PHP.

IX.   A.   Explain the session handling steps in PHP with examples.
                         OR
      B.   Explain file uploading in PHP with example.

X.   A.   What is a framework? Explain on MVC framework in PHP.
                         OR
      B.   Write a PHP program interacting with MYSQL database. (eg. Authenticate a user with user id and password stored in MYSQL database.

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