D/SC-M2011130

M.Sc. (IT & CA) (Sem.-II) Examination
May-2014
CMY-2001 : WEB PROGRAMMING-I

Faculty Code : D/SC
Subject Code : M2011130

Time : 2½ Hours]   [Total Marks : 70

1. Attempt any **three**.   **30**

    (1) Explain $_SESSION[], setcookies(), $_COOKIES[], session_start()
        and session_id()   **10**

    (2) List major JavaScript event and explain with example.   **10**

    (3) Explain array handling in JavaScript in detail with example. **10**

    (4) Explain DOM.   **10**

2. Attempt any **six**.   **30**

    (1) What do you mean by expression ? Explain Boolean, Arithmetic and
        Relational expression.   **05**

    (2) Explain Branching & Looping statements.   **05**

    (3) Explain following functions with example :   **05**

        (a) current()

        (b) next()

        (c) prev()

        (d) key()

        (e) print_r()

    (4) Explain regular expression. Also explain regx with example. Write
        regular expression for email.   **05**

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(5) Explain following functions with syntax, purpose & example : **05**

    (a) mysql_connect()

    (b) mysql_select_db()

    (c) mysql_query()

    (d) mysql_fetch_row()

    (e) mysql_f etch_array()

(6) Differentiate between session and cookies with its advantages and disadvantages. **05**

(7) How we can set cookie expire time ? Explain with examples. **05**

3.   Answer following question in brief : **10**

    (1) Write php script which will create on database and allow user to querying a database, as well as insert, update and delete records from the database.

OR

    (2) Write a php script which will allow users to send mail from the web page.

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M. S. (I.T.) (Sem. II) Examination
April / May – 2012
CMY-2001 : Web Programming-I

Time :   Hours]   [Total Marks : 70

1   Attempt any four of the following :   **20**

    (1)   List out dialog boxes of JavaScript. Explain any one with example.

    (2)   Write a PHP code demonstrate read and write operation to text file.

    (3)   Explain regular expressions {}, * and + and ? With suitable example.

    (4)   Write a PHP code that gets username and password from the user, redirect user to welcome page if these values matches with data stored in user_master table , else display message "invalid user"

        (user_master table structure : unm, pwd, emailid, phno)

    (5)   Explain flock( ) function for locking files taking suitable example.

2   Attempt any four of the following :   **20**

    (1)   Write a Javascript code that validates password entered by user against following rules for password, if password is not valid then alert with appropriate message :

        –   Minimum length of password must be 8 characters.

        –   Password must contain at least one digit and one special symbol.

    (2)   What are Magic Quotes ? Explain with example.

    (3)   Write a PHP code to find duplicate words in a string and delete it.

    (4)   Write a PHP to accept input string and display it in reverse order.

    (5)   List out built in objects of java script. Explain any one in detail.

3   Attempt any three of the following :   **15**
   (1) Explain use of mail( ) function to send an email from
        PHP code. What are the limitation of mail( ) ?
   (2) Explain taking suitable example defining and calling a
        function with one of the argument as a default value.
   (3) Write a PHP code that demonstrates INSERT and
        DELETE operations with database. (Assume suitable
        table structure)
   (4) Write a PHP code that validates an email address
        entered by user. Use regular expression to carry out this
        task.

4   Attempt any three of the following :   **15**
   (1) What is session ? What is a need of it ? Explain process
        of creating session in PHP.
   (2) Explain any two functions from the following :
        (a) strtoupper ( )
        (b) ltrim ( )
        (c) substr( )
   (3) What is PHP ? How PHP works ?
   (4) Write a PHP code to make a list of filenames matching
        a singular pattern in a particular directory.

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Subject : CMY – 2001 Web Programming - 1

Time : 3 Hours]   **[Marks : 70**

Q.1   Answer any **four** of the following questions.   [20]

    (1)   What is the use of Java Script in web programming? Explain built in Java Script objects in brief.

    (2)   Write a Java Script for printing the factorial of the number given by the user.

    (3)   Explain PHP.ini file.

    (4)   Differentiate call by value Vs call by reference in PHP with example.

    (5)   Explain following functions:
             (a) echo ( )
             (b) strchr ( )
             (c) flock ( )
             (d) fwrite ( )
             (e) basename ( )

Q.2   Attempt any **four** of the following   [20]

    (1)   Differentiate single quote Vs double quotes in PHP.

    (2)   Explain dialog boxes in JavaScript.

    (3)   List string manipulation functions in PHP and explain any three in detail with example.

    (4)   Explain sending emails through mail () function. What are the shortcomings of mail ( ) function ?

    (5)   What is Session? Explain authentication with session control.

Q.3   Attempt any **four** of the following.   [20]

    (1)   What is regular expression? Explain form validation functions with regular expression.

    (2)   Explain the process of uploading a file via an HTML form.

    (3)   Explain directory functions in PHP with example.

    (4)   How reusability is achieved in PHP? Explain it with syntax and example.

    (5)   Explain the scope of PHP variables.

Q.4   Attempt any **one** of the following   [10]

    (1)   Write a PHP script to insert, update and delete the record in mysql table.

Table : EMPLOYEE

Field	Data Type	Description
EMP_NO	Number	Employee Number
EMP_NM	Character	Employee Name
DESIG	Character	Employee designation

    (2)   Write a PHP script to search a particular record on any field from following mysql table and write it to separate text file EMP.txt. File EMP.txt must contain all the records which are searched by the user.

Table : CRICKET

Field	Data Type	Description
PLAYER_ID	Number	Player Identification Number
PLAYER_NM	Character	Player Name
PLAYER_AGE	Number	Player's Age
COUNTRY	Character	Country of the player