Institute of Information Technology & Management
Web Based Programming (BCA-104)
Assignment (Unit-1)

Q1. Write the differences between WAMP, MAMP and LAMP and XAMPP.

Q2. Explain the following using examples: explode(), extract(), compact(), implode(), htmlentities(), htmlspecialchars(), html_entity_decode(), htmlspecialchars_decode(), printf(), substr().

Q3. Explain the following using examples

a)   sort()

b)   is_array()

c)   count()

d)   shuffle()

e)   reset()

f)   end()

g)   unset()

Q4. Explain the following using examples: checkdate(), date_create(), date(), date_add(), date_format(), date_modify(), date_sub(), date_parse(), date_sunrise(), date_sunset().

Q5. What is a regular expression? Explain with an example.

Assignment (Unit-II)

Q1. Write a Code to show that how one can Create, Access & destroy a
Cookie.

Q2. What is a php session? Explain how one can start & end a session in php?

Q3. What are the four basic types of function? Explain anonymous function.

Q4. Explain the following using examples: error_reporting(), error_log(), error_get_last()

Assignment (Unit-III)

Q1. Explain the following using examples: mkdir(), chdir(), getcwd(), dir(), chroot(), scandir()

Q2. Explain the following using examples: fopen(), fclose(), file_size(), file_exists(), copy(), delete(), fseek(), is_dir(), is_file(), move_uploaded_file().

Q3. Write short notes on following:

1. class

2. object
3. constructor
4. destructor
5. reusability
6. inheritance
7. access modifiers

Q4. Write a program in PHP to create a class Box with three data members: width, height, and depth and a member function Volume() and a constructor to initialize the data members. Create three objects and display Volume of each.

Q5. Write a program in PHP to create a class shape with two data members: dimension1 and dimension2. Create two subclasses of shape class: Rectangle and Triangle. Subclasses should contain a method area() that returns the area of rectangle and triangle respectively. All three classes should contain constructors. Create the objects of Rectangle and Triangle class and display area.

Assignment (Unit-IV)

Q1. Write short notes on the following:
1. MySQLi
2. PHP Data Objects (PDO)
3. SQLite
4. MongoDB

Q2. Explain the following using examples: connect(), query(), close(), prepare(), execute(), fetch_assoc()

Q3. Explain the following using examples: mysqli_connect(), mysqli_query(), mysqli_close(), mysqli_fetch_assoc()

Q4. Write a program in PHP using PDO to insert, update, delete, and select records from a database table.

Q5. Write a program in PHP to perform following operations using SQLite
1. Create a database
2. Create a table
3. Insert rows
4. Update
5. Delete
6. Select