END TERM EXAMINATION

FIFTH SEMESTER [BCA] NOV.-DEC. - 2019

Paper Code: BCA313	**Subject: Web Based Programming**
Time: 3 Hours	**Maximum Marks: 75**

Note: Attempt any five questions including Q. No. 1 is compulsory. Select one question from each unit.

Q1 Attempt **any ten** of the following:- **(10x2.5=25)**

a) Differentiate between IIS and PWS.

b) What is PHP's configuration file called? What is the latest version of PHP?

c) What is type juggling?

d) Differentiate between Local and Remote servers.

e) Differentiate between printf, echo and print statement in PHP.

f) Show with example how a variable is passed by reference through function.

g) What are the common ways to start and finish the PHP script?

h) What is a Querystring? Explain using example.

i) How can you find the position of string 'a' in the word 'matter'? Demonstrate.

j) Which method is used to print error if the database connectivity is not established?

k) What is the difference between fetch_array() and fetch_object()?

l) What does the PHP error 'Parse error in PHP-unexpected T_variable at line x' means?

UNIT I

Q2. a) Differentiate between client-side and server-side scripting languages. **(6)**

b) Differentiate between LAMP, MAMP, WAMP and XAMPP. **(6.5)**

Q3.a) How is web application different from web services? **(6)**

b) Create a web page for registration of new user on the online departmental store using dynamic web development tools. **(6.5)**

UNIT II

Q4.a) Explain the data types supported by PHP. What is the difference between $a and $$a? **(6)**

b) Explain briefly the nomenclature of defining variables, constants, array and objects in PHP. What is the difference between for and for each loop? **(6.5)**

UNIT III

Q5. a) Illustrate various types of arrays in PHP using examples. Write at least five inbuilt function that support the use of arrays. **(6)**

b) How is the scope of variables that are declared in function or outside the functions administered by PHP? Also, explain any five super global variables with examples. **(6.5)**

Q6. a) Define cookies and its types. Explain the usage and significance of a cookie? What are the limitations or disadvantages of a cookie. **(6)**

[P.T.O.]

b) Create a form that accepts a user's name, age and E-mail. Perform appropriate validations on the input data. Create a script that saves this data to a file. **(6.5)**

Q7.a) Explain the following using examples:
(i) htmlspecialchars()   (ii) substr()   (iii) <?=.........?>
(iv) !=   (v) unset()   (vi) count() **(6)**

b) Write the significance of creating a session? Where and when should a session be started? Demonstrate the process of adding variables to $_SESSION. **(6.5)**

UNIT IV

Q8. a) What is the difference between procedural and object oriented MySQLi? Illustrate. **(6)**

b) Write the program to display all records from the table 'Student' under the database 'Admin'. **(6.5)**

Q9. a) In how many ways can we insert the data from form to MySQL? Illustrate using examples. **(6)**

b) Explain different types of errors in PHP? Also, what methods are available to handle the errors? **(6.5)**

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