END TERM EXAMINATION

SECOND SEMESTER [BCA] JUNE- 2024

Paper Code: BCA- 104	Subject: Web Based Programming

Time: 3 Hours	Maximum Marks: 60

Note: Attempt all questions as directed. Internal Choice is indicated.

(2x10=20)

Q1 Answer the Following:
- (a) Difference between GET and POST method.
- (b) How is == different from === in PHP.
- (c) Explain PHP mail() function.
- (d) What is the use of "$this" keyword in PHP.
- (e) Differentiate between Var_dump() and print_r().
- (f) What are features of PDO.
- (g) What are various OOP's access modifiers.
- (h) Explain explode(), krsort() and count() function.
- (i) What do you understand by QueryString.
- (j) What are file opening modes used with fopen() function in PHP.

UNIT-1

Q2 (a) What are advantages of PHP. What do you understand by Local Server and Remote Server. **(5)**

(b) What are Super Global Variables in PHP. Explain in detail. **(5)**

OR

Q3 (a) What do you understand by Associative array. How Associative array is different from indexed array? Write code to print the data of 2-D array in tabular form in PHP. **(5)**

(b) Differentiate between **(2x2.5=5)**

- (i) Client Side Scripting & Server Side Scripting.
- (ii) Static Website & Dynamic Website.

UNIT-II

Q4 (a) Write a user defined function for swapping two variables using call by value and call by reference. Differentiate the output produced in both the methods. **(5)**

(b) What are different type of PHP errors? Explain by citing appropriate example. **(5)**

OR

Q5 (a) Explain Session and Cookies by giving a suitable example. Write a PHP Script to count number of visitors visited a website in 24 hours using Session variable. **(5)**

(b) Create a customer registration page "Customer.php" having fields like Name(Textbox),Gender(Radiobutton),Address(TextArea),Hobbies(CheckBox),City (ComboBox),DOB(Date) in it. Write a PHP script to submit this data on "Registered.php" page and print received data there. **(5)**

UNIT-III

Q6 (a) Differentiate between include () and require (). Write code to read a file line by line and displaying it on a webpage. **(5)**

(b) Explain following file handling functions: **(5)**
- (i) fread()
- (ii) fgets()
- (iii) unlink()

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OR

Q7 (a) What do you understand by Object Oriented Programming. Explain various features associated with objects giving example wherever possible. **(5)**

(b) Create a class "Employee" taking appropriate Data Members and member functions in PHP. Also create constructor and destructor for the same. **(5)**

UNIT-IV

Q8 What are various datatypes in MySQL. Write a PHP script to create a database named "Gadgets" having table "Phone" with field names P_Id, P_Company, P_Cost and P_Year. Write insert query for inserting records in "Phone" table and select query for retrieving the data. **(10)**

OR

Q9 What are various constraints in MySql. Explain the following functions: **(10)**
  (i) Mysqli_connect()
  (ii) Mysqli_connect_error()
  (iii) Mysqli_query()
  (iv)) Mysqli_select_db()
  (v) Fetch_array()

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