

END TERM EXAMINATION

SECOND SEMESTER (BCA) JULY-2023

Paper Code: BCA-104

Subject: Web Based Programming

Time: 3 Hours

Maximum Marks :75

Note: Attempt five questions in all including Q.no.1 which is compulsory.. Select one question from each unit.

- Q1 Attempt **Any ten** of following: (10x2.5=25)
- What are the different types of errors in PHP?
 - How can we find out the name of the current executing file?
 - Why we use \$_REQUEST variable?
 - What is the difference b/w isset and empty?
 - What are the differences between Print & echo statements?
 - What is juggling in PHP?
 - What is the variable-naming rules you should follow in PHP?
 - Difference between GET, POST and REQUEST method.
 - What is Open-Source Software?
 - What are the differences between Print & echo statements?
 - What is the difference between "&"&"?"
 - What is a lexical structure of PHP?

UNIT-I

- Q2
- What is variable & constant in PHP? Explain the scope of variables in PHP with example. (6.5)
 - Explain the Super Global Variables in PHP? (6)
- Q3
- Difference between include (), include once (),required (), required once () and header('Location'). (6)
 - What are the different types of Arrays? Explain its benefits. (6.5)

UNIT-II

- Q4
- Explain Session and Write a PHP script to count the number of visits of web page by the user using session. (6.5)
 - What are the differences between Cookies & Sessions? (6)
- Q5
- Differentiate Call by Value & Call by Reference concept with suitable example. (6.5)
 - Write a PHP code to design Contact Us form & provide validation on email & name. (6)

UNIT-III

- Q6
- What is File handling in PHP? Write a PHP script to open, close, read & write into a file. (6)
 - Briefly explain the concept of OOPs and how can you say that PHP is an object-oriented language? (6.5)

BCA-104
P_{1/2}

- Q7 a) Write a program using PHP to upload a file. (6)
b) Define Classes & Objects. What are the access modifiers? (6.5)

UNIT-IV

- Q8 a) What is MYSQL? Explain datatypes of MYSQL. Write the various constraints of SQL and Write the steps to design a table using PhyMyadmin. (6.5)
b) Write a program to select all the records and display it in table. (6)
- Q9 a) Write a PHP script to create a database employee and create a employee table with in the database with field name i.e. emp_id, emp_name, emp_salary and emp_designation. Insert a record and select all records of employee table and display in tabular format. (6)
b) In how many ways we can retrieve the data in the result set of MySQL using PHP? (6.5)
