

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)

- a) What are the different types of errors in PHP?
- b) How can we find out the name of the current executing file?
- c) Why we use \$_REQUEST variable?
- d) What is the difference b/w isset and empty?
- e) What are the differences between Print & echo statements?
- f) What is juggling in PHP?
- g) What is the variable-naming rules you should follow in PHP?
- h) Difference between GET, POST and REQUEST method.
- i) What is Open-Source Software?
- j) What are the differences between Print & echo statements?
- k) What is the difference between "&" and "&?"
- l) What is a lexical structure of PHP?

UNIT-I

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

UNIT-II

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

UNIT-III

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

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- 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)**
