

(Please write your Exam Roll No.)

Exam Roll No. 16

## END TERM EXAMINATION

FIFTH SEMESTER [BCA] JANUARY-FEBRUARY 2023

Paper Code: BCA313 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 the following (2.5x10=25)
- What is a web server?
  - Difference between static and dynamic web page.
  - Explain `split()` in PHP
  - Difference between `GET()`, `POST()` and `REQUEST()`
  - How can you send a mail in PHP? Explain with example.
  - Site suitable differences between WAMP, MAMP and LAMP
  - What is Juggling in PHP
  - Explain with example: `!array()`, `Shuffle`, `End`, `explode()`
  - Differentiate between PHP and Javascript.
  - What is the difference `$Test` and `$$Test`?
  - Difference between Strongly typed and Loosely typed language.
  - What is an open source software? Give atleast 3 examples.

### UNIT-I

- Write down the steps for installation of Apache, IIS and PWS in windows operating system. (6.5)
  - Differentiate between
    - Echo and print
    - `==` and `===` in PHP
- OR
- What is a web application? What is the difference between traditional web application and AJAX application? (6.5)
  - Differentiate between local and remote server. (6)

### UNIT-II

- What are the different control statements in PHP? Explain with the help of suitable examples. Differentiate between while and do while statement. (7.5)
  - Write a program using function to input 100 numbers from users and display the prime numbers. (5)
- OR
- What are the different types of arrays? Create an associative array using countries as keys, states as values, and transform it into 2-D array. Display the data as a table. (7.5)
  - Explain call by value and call by reference with suitable examples. (5)

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### UNIT-III

- What are cookies? How do you create and delete a cookie? Create a cookie `BCA_313` and set the time to 12:00pm of any date. Delete the cookie passing the using date time parameter. (6.5)
  - Create a bank registration form with the following fields-Name, Date of Birth, Address, mobile No and email. The bank portal and session should expire if the system is idle for more than 2 mins. (6)
- OR
- Define constants in PHP. Explain implicit and explicit casting with the help of example. What are the different types of error in PHP? (6)
  - What is file handling in PHP? Write a PHP script to open, close, read and write in a file. (6.5)

### UNIT-IV

- Write a PHP database Employee and create the table `emp_details` with the following fields-`emp_name`, `emp_design`, `emp_sal`, `emp_job` and perform the following
    - Add atleast 5 records
    - Display the records
    - Modify the second record with salary Rs 20,000/- (8)
  - Write the connectivity and selecting database statement which is used to connect PHP and MySQL. (4.5)
- OR
- What is MySQL? Explain different data types in MySQL with the help of suitable example. (6.5)
  - What is the difference between `mysql_fetch_object` and `mysql_fetch_array` (6)

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