

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)
- a) What is a web server?
 - b) Difference between static and dynamic web page.
 - c) Explain split() in PHP
 - d) Difference between GET(), POST() and REQUEST()
 - e) How can you send a mail in PHP? Explain with example.
 - f) Site suitable differences between WAMP, MAMP and LAMP
 - g) What is Juggling in PHP
 - h) Explain with example- Isarray(), Shuffle, End, explode()
 - i) Differentiate between PHP and Javascript.
 - j) What is the difference \$Test and \$\$Test?
 - k) Difference between Strongly typed and Loosely typed language.
 - l) What is an open source software? Give atleast 3 examples.

UNIT-I

- Q2 a) Write down the steps for installation of Apache, IIS and PWS in windows operating system. (6.5)
- b) Differentiate between (6)
- i. Echo and print
 - ii. = = and = = = in PHP

OR

- Q3 a) What is a web application? What is the difference between traditional web application and AJAX application? (6.5)
- b) Differentiate between local and remote server. (6)

UNIT-II

- Q4 a) What are the different control statements in PHP? Explain with the help of suitable examples. Differentiate between while and do while statement. (7.5)
- b) Write a program using function to input 100 numbers from users and display the prime numbers. (5)

OR

- Q5 a) 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)
- b) Explain call by value and call by reference with suitable examples. (5)

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BCA-313
P.12

UNIT-III

- Q6 a) 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)**
- b) 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

- Q7 a) Define constants in PHP. Explain implicit and explicit casting with the help of example. What are the different types of error in PHP? **(6)**
- b) What is file handling in PHP? Write a PHP script to open, close, read and write in a file. **(6.5)**

UNIT-IV

- Q8 a) Write a PHP database Employee and create the table emp_details with the following fields-emp_name, emp_desig, emp_sal, emp_dob and perform the following
- i) Add atleast 5 records
 - ii) Display the records
 - iii) Modify the second record with salary Rs 20,000/-
- (8)**
- b) Write the connectivity and selecting database statement which is used to connect PHP and MySQL. **(4.5)**

OR

- Q9 a) What is MySQL? Explain different data types in MySQL with the help of suitable example. **(6.5)**
- b) What is the difference between mysql_fetch_object and mysql_fetch_array **(6)**

BCA-313
P2/2