SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.
B.Com. ISM - END SEMESTER EXAMINATIONS - NOV'2024
SEMESTER - IV
20UBICT4009 - Open Source Technology - PHP and MYSQL

Total Duration : 2 Hrs.30 Mins.   Total Marks : 60

Section B

Answer any **SIX** questions $(6 \times 5 = 30$ Marks$)$

1. Explore the history of PHP and explain its evolution from its initial version.

2. Describe the various operators used in PHP.

3. Differentiate user defined function and built in function. Explain with examples.

4. Demonstrate the comparison of two strings with PHP code.

5. Compare and contrast indexed and associative arrays in PHP.

6. Design a PHP script to retrieve records where a specific column contains NULL values, and discuss the implications of NULL in database design.

7. Write a PHP script to demonstrate sorting by multiple columns and discuss its practical applications.

8. Outline the process of querying a database using a SELECT statement in PHP.

Section C

Answer any **THREE** questions $(3 \times 10 = 30$ Marks$)$

9. Discuss the differences between the while, do-while, and for loops in PHP with appropriate example.

10. Demonstrate the process of defining and calling functions in PHP with appropriate example.

11. Write a PHP script to store and retrieve data from a 3x3 multidimensional array. Explain the structure and access mechanism.

12. Demonstrate the steps involved in connecting to and disconnecting from a MySQL database server in PHP with example code.

13. Illustrate the process of retrieving and displaying the results of a MySQL query in a web browser.

*****