

Reg. No.....

Name.....

**25ACT304**

**B A, B SC, B COM DEGREE END SEMESTER EXAMINATION - OCTOBER 2025**

**UGP (HONS.) SEMESTER - 3: CORE COURSE**

**COURSE: 24UBCADCC203: ADVANCED WEB TECHNOLOGIES**

*(For Regular 2024 Admission)*

Time: 1.5 Hour

Max. Mark: 50

**PART A**

**Answer any 5 questions. Each question carries 2 marks.**

1. Explain the difference between echo and print in PHP with an example. (U,CO1)
2. List any two MySQL functions in PHP. (U,CO4)
3. Define user defined functions in PHP. (U,CO2)
4. List the advantages of Object-oriented programming in PHP. (U,CO2)
5. Define typecasting in PHP. (U,CO1)
6. Define recursion in PHP with suitable examples (U,CO2)
7. Define \$\_FILES super global with a suitable example. (U,CO3)

**(2 x 5 = 10)**

**PART B**

**Answer any 4 questions. Each question carries 5 marks.**

8. Differentiate between user-defined functions and built-in functions in PHP with examples. (U, CO2)
9. Write a PHP program to check whether a given string is a palindrome or not (A,CO3)
10. Explain inheritance and its types in PHP with suitable examples (U,CO2)
11. Write a PHP script to update the salary of an employee the employee table based on employeeid entered by the user. (A,CO4)
12. List any five string handling functions in PHP with examples. (U,CO1)
13. Explain the steps involved in establishing a connection between PHP and MySQL with examples. (An,CO4)

**(5 x 4 = 20)**

## PART C

**Answer any 2 questions. Each question carries 10 marks.**

14. Explain PHP superglobals in detail. Discuss all types of superglobals with examples.

Explain its usage, scope and typical scenarios where each is applied.

Write a PHP program demonstrating the use of at least four of these superglobals (A, CO3)

15. Explain the different types of arrays in PHP with suitable examples. (U, CO2)

16. Explain CRUD operations with respect to PHP and MySQL and implement them with an example. (An, CO4)

**(10 x 2 = 20)**

### OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Marks
CO1	Use PHP to create a data driven website.	U	1,5,12	14
CO2	Implement the functions, constructors, inheritance to use them in PHP script	A	3,4,6,8,10,15	26
CO3	Create web forms with PHP	C	1,7,9,14	19
CO4	Alter the content of a web page dynamically using the combination of data from the MySQL database and PHP	C	2,11,13,16	24

Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;

