

Reg. No

Name

26U4143

B A,B Sc, BCOM DEGREE END SEMESTER EXAMINATION - MARCH 2026

UGP (HONS.) SEMESTER 4 - DISCIPLINE SPECIFIC COURSE

COURSE: 24UCAPDSC205 - ADVANCED WEB TECHNOLOGIES

(For Regular 2024 Admission)

Time : 1.5 Hours

Max. Marks: 50

PART A

Answer any 5 Questions

Marks: 2

1. Explain the evolution of PHP. (U, CO1)
2. Write the syntax to create Class and an Object in PHP. (A, CO2)
3. Analyze the importance of form validation in PHP applications. (An, CO3)
4. Evaluate the effectiveness of associative arrays in PHP. (Ev, CO3)
5. Analyze the advantages of user-defined functions in PHP. (An, CO2)
6. Evaluate file handling operations in PHP. (Ev, CO4)
7. Explain looping statements used in PHP. (U, CO1)

(2 x 5 = 10)

PART B

Answer any 4 Questions

Marks: 5

8. Evaluate handling multi-value form fields in PHP. (Ev, CO3)
9. Explain string formatting functions in PHP. (U, CO1)
10. Explain constructors and destructors in PHP. Write a PHP program illustrating constructor initialization and destructor execution. (An, CO2)
11. a) Explain how an HTML form works with PHP.
b) Describe the role of the action and method attributes and differentiate between GET and POST methods with a suitable example. (A, CO3)
12. Analyze inheritance and destructors in PHP. (An, CO2)

13. Evaluate file and directory management in PHP. (Ev, CO4)
(5 x 4 = 20)

PART C
Answer any 2 Questions

14. Design and explain an object-oriented PHP application using inheritance. (Cr, CO2) **Marks: 10**
15. Design a student registration form using HTML and PHP. (A, CO3)
16. Design and explain a PHP–MySQL based member registration system. (Cr, CO4)
(10 x 2 = 20)

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Marks
CO1	Introduction to PHP	U	Q1, Q7, Q9	09
CO2	Concepts of Functions	A, An	Q2, Q5, Q12, Q10, Q14	24
CO3	Form Handling in PHP	An, Ev, A	Q3, Q4, Q8, Q11, Q15	24
CO4	Working with files and Directories	Ev,Cr	Q6, Q13, Q16	17

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