

(i) Printed Pages : 3

Roll No.

(ii) Questions : 9

Sub. Code :

1	7	9	5	0
---	---	---	---	---

Exam. Code :

0	0	3	1
---	---	---	---

Bachelor of Computer Applications 5th Semester
(2125)

WEB APPLICATION DEVELOPMENT USING PHP

Paper-BCA-16-504

Time Allowed : Three Hours]

[Maximum Marks : 65

Note :— Attempt ONE question from each Unit and the entire compulsory question. All questions carry equal marks.

UNIT—I

1. (a) Explain how server-side scripting interacts with a database.
(b) Explain the working of a local server environment using WAMP. 6+7
2. (a) Explain different looping structures in PHP with syntax and examples.
(b) Describe the different data types supported by PHP with examples. 6+7

UNIT—II

3. (a) Write a PHP program to calculate the factorial of a number using a function.
(b) Explain the difference among include(), require(), include_once(), and require_once() with examples. 6+7

4. (a) Explain five commonly used array functions in PHP with examples.
- (b) What is the use of the `strrev()`, `strlen()`, `strpos()`, `str_replace()` functions? How do you convert a string to uppercase? 6+7

UNIT—III

5. (a) Explain how to create and process a form in PHP.
- (b) Explain the difference between GET and POST with examples. 6+7
6. (a) Explain the purpose of the following functions in PHP:
`mysqli_connect()`
`mysqli_close()`
`mysqli_query()`
- (b) What are Superglobal Arrays? List few superglobal arrays and explain their significance. 6+7

UNIT—IV

7. (a) Explain the syntax and parameters of the `setcookie()` function with examples.
- (b) What is a session variable in PHP? Explain how a session variable is registered in PHP by giving a suitable example. 6+7
8. (a) How can file permission be checked in PHP?
- (b) Explain different file modes used in the `fopen()` function. 6+7

(Compulsory Question)

9. (a) What is a remote server?
(b) What is a static website?
(c) How can you delete a file in PHP?
(d) What is the function of the echo statement in PHP? What is the difference between call by value and call by reference?
(e) How can you find the number of elements in an array in PHP?
(f) Which function is used to join array elements into a string?
(g) What is the default expiration time of a cookie if not specified?
(h) State one advantage of client-side scripting. 6×2+1