

END TERM EXAMINATION**SECOND SEMESTER [B.TECH] MAY-JUNE 2026****Paper Code: BCA-104****Subject: Web Based Programming****Time: 3 Hours****Maximum Marks: 60****Note: Attempt all questions as directed. Internal choice is indicated.**

- Q1 Attempt **any Four** of the following questions: (4x5=20)
- (a) What do you understand by Query string?
 - (b) Differentiate between client side scripting and server side scripting.
 - (c) Define Cookies with suitable example.
 - (d) Explain PHP mail() function.
 - (e) Write a code to read a file line by line and displaying it on a webpage.
 - (f) Compare and Contrast Static website & Dynamic website.
 - (g) What are file opening modes used with fopen() function in PHP.
 - (h) Difference Between GET and POST method.
- Q2 (a) Explain the basic syntax and structure of PHP with a sample program. (5)
- (b) State the advantages of PHP. What do you understand by Local Server and Remote Server. (5)
- OR**
- Q3 (a) What do you mean by array? How associate array is different from indexed array? (5)
- (b) Explain the conditional statement in PHP with syntax and examples. (5)
- Q4 (a) Describe inbuilt functions in PHP with Suitable examples. (5)
- (b) Discuss state management in PHP using cookies and sessions with illustration. (5)
- OR**
- Q5 (a) Write a user defined function for addition of two numbers using call by reference. (5)
- (b) Write a detailed note on mail function and PHP errors handling. (5)
- Q6 (a) Explain file handling. Discuss opening, closing, reading and writing files with examples. (5)
- (b) Explain access modifiers and their role in PHP OOP. (5)
- OR**
- Q7 (a) Explain PHP database connectivity and steps to connect PHP with MYSQL. (5)
- (b) Write a PHP program to implement autoloading of classes and explain its importance in large applications. (5)
- Q8 Explain the concept of magic methods in PHP(__construct, __destruct, __get, __set, __toString) with use cases. (10)
- OR**
- Q9 Write program to read a large file efficiently. Compare fgets(), fread(), and file() in terms of performance and memory usage. (10)

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