



ST. FRANCIS DE SALES COLLEGE

A FRANSALIAN INSTITUTE OF HIGHER EDUCATION **AUTONOMOUS**

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END SEMESTER EXAMINATION – APRIL/MAY 2026

COMPUTER SCIENCE – IV SEMESTER BCA

25BCA46.3 – FULL STACK DEVELOPMENT – WEB

PROGRAMMING - II

Time: 1 Hour 30 Minutes

Max. Marks: 40

Instruction: *Answer should be written completely in English.*

SECTION - A

Answer any **TWO** questions. Each question carries **TWO** marks.

(2X2=4)

1. What is Server-Side Scripting? State one advantage of PHP.
2. What is the role of the throw keyword in Exception Handling?
3. What is an Associative Array? Give an example.
4. What is JSON? Give one example.

SECTION - B

Answer any **FOUR** questions. Each question carries **FIVE** marks.

(4X5=20)

5. Describe the basic syntax of PHP. How do you define variables and constants in a script.
6. Demonstrate how to perform repetitive tasks using while and for loops in PHP.
7. Explain the basic operations of Opening and Closing a file in PHP. Name any three file modes.
8. Write a PHP program to check if a folder exists. If it does not, create the folder.
9. What are Cookies? Explain how cookies are set, modified, and deleted using PHP scripts.
10. Explain different types of CSS with suitable examples.

SECTION - C

Answer any **TWO** questions. Each question carries **EIGHT** marks.

(2X8=16)

11. Explain Call by Value and Call by Reference. When would you use each?
12. Explain how to search and replace strings in PHP. Name any four functions used.
13. Write a PHP script to create an array, add elements, sort them, and display the total count.
14. Explain the different types of MySQL joins in PHP. Give the purpose of Cross, Inner, Outer, and Self joins.

