D 110077 **(Pages : 2)** **Name.....**

Reg. No.....

FIFTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2024

B.C.A.

BCA 5B 09—WEB PROGRAMMING USING PHP

(2019 Admission onwards)

Time : Two Hours Maximum : 60 Marks

Section A (Short Answer Type Questions)

All questions can be answered.
Each correct answer carries a maximum of 2 *marks.*
(Ceiling 20 *Marks)*

1. Define a static web document.
2. Define server-side scripting.
3. Write the syntax for an external CSS stylesheet link in HTML5.
4. Write a JavaScript if statement that checks if a number is greater than 10.
5. Write the HTML5 tag used for embedding an image.
6. Define a PHP session.
7. Write the CSS selector for an element with the ID navbar.
8. Write a PHP function to close a PostgreSQL database connection.
9. Write the JavaScript function to display an alert box with a custom message.
10. Write the SQL command to create a new table named users with columns id and name.
11. How to start and finish a PHP block of code ?
12. Write a PHP statement to start a session.

Turn over

Section B (Paragraph/ Problem Type Questions)

All questions can be answered.
Each question carries 5 *marks.*
(Ceiling 30 *Marks)*

13. Define the DOM and explain its significance in JavaScript.
14. Define the difference between GET and POST methods in PHP forms.
15. Define CSS classes and IDs, and explain how they are used differently in styling web pages.
16. Explain how AJAX enhances the user experience in web applications. Include a simple example.
17. Define the role of pg_connect() in PHP-PostgreSQL integration.
18. Define the foreach loop in PHP and provide a sample use case.
19. Write a short program in JavaScript that uses the onClick event to change the text of a paragraph.

Section C (Essay Type Questions)

Answer any **one** *of the following questions.*
The question carries 10 *marks.*

20. Explain various operators supported by JavaScript. Give examples.
21. How inheritance is implemented in PHP ? Explain how base class methods and properties are accessed ? Give example.

(1 × 10 = 10 marks)