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## 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** 

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#### 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.

 $(1 \times 10 = 10 \text{ marks})$