Reg. No. : ....

Name : ....

V Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/ Improvement) Examination, November 2025
(2019 to 2023 Admissions)
Core Course
5B15BCA : WEB TECHNOLOGY

Time : 3 Hours   Max. Marks : 40

PART – A

(Short Answer)

Answer **all** questions. **Each** question carries **1** mark.   **(6×1=6)**

1. Write the syntax of any one HTML physical style tag.

2. Mention any one attribute of the <img>tag.

3. What is the purpose of the method attribute in a form tag ?

4. Name any one JavaScript event handler.

5. Mention any one built-in object in PHP.

6. What is HTTP ?

PART – B

(Short Essay)

Answer **any six** questions. **Each** question carries **2** marks.   **(6×2=12)**

7. Explain the use of <ul> and <ol> in HTML with a short example.

8. Write the difference between <frame> and <iframe> tags.

9. Create a simple HTML table with 2 rows and 3 columns.

10. Write a JavaScript code snippet using a loop to print numbers from 1 to 5.

11. Describe the use of alert(), confirm() and prompt() in JavaScript.

12. Define an array in PHP and display its contents using a loop.

13. What is the significance of the $_POST and $_GET arrays in PHP ?

14. Explain the concept of client-server communication with a simple example.

P.T.O.

PART – C

(Essay)

Answer **any four** questions. **Each** question carries **3** marks. (4×3=12)

15. Create an HTML page that contains :
    a) A main heading.
    b) A sub-heading.
    c) A paragraph describing a topic of your choice.
    d) Use any physical style tag to highlight a portion of the paragraph.

16. Create a form with Username, Password, Gender (radio), Interests (checkbox) and Submit button.

17. Explain the Document Object Model (DOM) in JavaScript with a diagram or example.

18. Write a JavaScript function that takes user input using prompt() and displays it using alert().

19. Write PHP code to define a function that checks whether a given number is prime.

20. Describe how PHP connects to a database and performs data retrieval. Provide code.

PART – D

(Long Essay)

Answer **any two** questions. **Each** question carries **5** marks. (2×5=10)

21. Create an HTML page with a <frameset> having two columns: one for navigation and another for content display.

22. Write a JavaScript program to validate a form field that accepts only an email address.

23. Discuss string operations and conditional control statements in PHP with examples.

24. Explain the role of HTTP in client-server communication and how PHP handles HTTP requests.

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