

Gandhi Institute of Engineering and Technology University, Odisha, Gunupur (GIET University)



B.C.A. (Second Semester - Regular) Examinations, May – 2026

BCA252003 - Internet Web Technologies

Time: 3 hrs

Maximum: 60 Marks

(The figures in the right-hand margin indicate marks)

PART – A

(2 x 5 = 10 Marks)

Q.1. Answer **ALL** questions

- a. Write the basic structure of an HTML document.
- b. Explain the order lists in HTML.
- c. What is the use of the color property?
- d. What is the use of conditional statements in JavaScript?
- e. What is a variable in PHP? How do you declare it?

CO #	Blooms Level
CO1	K1
CO2	K1
CO3	K1
CO4	K1
CO5	K1

PART – B

(10 x5=50 Marks)

Answer **ALL** questions

2. a. Explain the client–server communication model.
- b. Give an introduction to HTML & Explain the history of HTML.
- (OR)
- c. Explain different types of HTML lists.
- d. Write down how to add images in HTML.
- 3.a. Describe different types of CSS (Inline, Internal, External) with examples.
- b. Write short notes on margin and padding properties in CSS.
- (OR)
- c. Explain client-side scripting in JavaScript. What are its advantages?
- d. Describe different types of variables in JavaScript. Explain var, let, and const with examples.
- 4.a. Explain variables and constants in PHP. Discuss rules for naming variables and the use of constants with examples.
- b. Describe different data types in PHP. Explain integer, float, string, array, and Boolean with examples.
- (OR)
- c. What are JavaScript dialog boxes? Explain alert(), confirm(), and prompt() with examples.
- d. Discuss CSS properties used for text formatting and font control.
- 5.a. Differentiate between HTTP and HTTPS.
- b. Write a short note on commonly used HTML elements.
- (OR)
- c. Explain how CSS is applied to lists and tables. Discuss different list styles and table styling properties.
- d. Explain different types of loops in JavaScript. Compare for, while, and do-while loops with suitable examples.
- 6.a. Explain functions in PHP. Discuss user-defined functions, parameters, return values, and scope of variables.

Marks	CO #	Blooms Level
5	CO1	K1
5	CO1	K3
5	CO2	K1
5	CO2	K3
5	CO3	K3
5	CO3	K1
5	CO4	K2
5	CO4	K3
5	CO5	K2
5	CO5	K3
5	CO4	K2
5	CO3	K2
5	CO1	K3
5	CO2	K3
5	CO3	K3
5	CO4	K2
5	CO5	K2

b.	Discuss the use of conditional statements in JavaScript. Explain if, if-else, and switch statements with examples.	5	CO4	K2
(OR)				
c.	Describe the different types of CSS selectors. Explain the use of ID and class selectors with suitable examples.	5	CO3	K3
d.	Explain all attributes in HTMLForm with a suitable example.	5	CO2	K3

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