

2026

SKILL ENHANCEMENT COURSE

Course Name : Introduction to Web Technologies

Course Code : BCA-SEC-2013/COM-SEC-2013

Full Marks : 30

Time : 1½ Hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : 1x5=5

- a) What is the purpose of *let* keyword in JavaScript ?
 - i) To declare a variable with block scope
 - ii) To define a constant value that cannot be changed
 - iii) To create a function in JavaScript
 - iv) To declare a global variable only
- b) Which PHP method is used to send form data securely ?
 - i) GET
 - ii) POST
 - iii) REQUEST
 - iv) FETCH
- c) Name one attribute commonly used with the `<img>` tag.
 - i) href
 - ii) src
 - iii) action
 - iv) method
- d) What does *const* mean in JavaScript variable declaration?
 - i) A variable that can be reassigned anytime
 - ii) A variable with block scope that can change value
 - iii) A constant value that cannot be reassigned
 - iv) A function that returns a constant value

(Turn over)

- e) Name any one CSS text property.
- i) color
 - ii) margin
 - iii) border
 - iv) padding
2. Answer the following questions (*any five*) : 2x5=10
- a) What is the difference between a website and a webpage ?
 - b) What are cookies and why are they used ?
 - c) Write the difference between ordered and unordered lists ?
 - d) What does an id selector do in CSS ?
 - e) What is the purpose of a function in JavaScript ?
 - f) What is a CRUD operation in databases ?
 - g) How does *php* update a record in a *mysql* table ?
3. Answer following questions (*any three*) : 5x3=15
- a) Explain the CSS box model with a simple example.
 - b) Explain how *sql* queries are used in *php* to insert, update, delete, and fetch data from a database.
 - c) What is web browser ? Why it is used and write their functionality and example.
 - d) Describe how *php* connects to a database and why a connection check is important.
 - e) Describe what a JavaScript variable is and how it stores information.

☆☆☆