

# BCA-05/DCA-104

## December - Examination 2025 BCA (1<sup>st</sup> Year)/DCA Examination WEB AUTHORIZING TOOLS Paper : BCA-05/DCA-104

[Time: 3 Hours]

[Maximum Marks: 70]

**Note :-** The question paper is divided into three Sections A, B and C. Write answers as per the given instructions.

### Section-A (Very Short Answer Type Questions)

7×2=14

**Note :-** Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries **2** marks.

1. (i) What is the function of the <title> tag in HTML?
- (ii) How to declare an array in JavaScript?
- (iii) What is Metadata? Give an example.
- (iv) What is the default port number for HTTP?
- (v) Define CSS Selector.
- (vi) Name any two graphic file formats commonly used on the web.
- (vii) When do we use 'CC' while sending an email?

### Section-B (Short Answer Type Questions)

4×7=28

**Note :-** Answer **any four** questions. Each answer should not exceed **200** words. Each question carries **7** marks.

2. What domain names are required? How domain name is related with IP address?
3. Explain the features of CorelDRAW.
4. Explain the use of the <iframe> tag with a code example.
5. Briefly explain a graphics accelerator card, and also explain its significance in a computer.
6. What is Web Hosting? Write the steps of publish a website to a server.
7. Explain the different types of Lists in HTML (Ordered, Unordered, and Definition) with detailed code examples.
8. What is CSS? Explain the following properties with attributes:  
(i) margin (ii) background (iii) font (iv) text
9. What are global variables in JavaScript? How are these variables declared, and what are the problems associated with using them?

**Section-C**

**2×14=28**

**(Long Answer Type Questions)**

**Note :-** Answer **any two** questions. You have to delimit your each answer maximum up to **500** words. Each question carries **14** marks.

10. Define what a protocol is and explain the various E-mail Protocols (e.g., SMTP, POP3, IMAP).
  11. Write short notes on Cookies, Firewalls, and IRC (Internet Relay Chat).
  12. Discuss the site management features of Macromedia Dreamweaver and how it differs from Microsoft FrontPage.
  13. What is Form Validation? Explain how JavaScript is used for client-side form validation with suitable code example?
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