

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Com.CA - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - VI

21UCCCT6017 - Web Technology

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the basic structure of an HTML document and describe how to create lists and tables in HTML.
2. What is the JavaScript Document Object Model (DOM)? Explain how objects in HTML are accessed and manipulated using the DOM.
3. Explain the basic language structure of an ASP.NET page, including page structure, page events, and properties.
4. Explain the Request and Response objects in ASP.NET. How do they work together to handle data exchange between the client and server?
5. Explain the basic syntax of JavaScript and describe the advantages of using JavaScript in web development.
6. Explain SSL client certificate authentication and explain how does it work.
7. Describe the HTML server controls in ASP.NET, including the use of Anchor, Tables, and Forms. How are these controls integrated into web pages?
8. Discuss the role of the OleDbConnection class, Command class, Transaction class, Data Adapter class, and Data Set class in working with data in ASP.NET.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Discuss how to link documents and embed graphics in an HTML document. Additionally, explain the concept of frames in HTML and how to create simple static web pages using HTML.
10. Explain how looping constructs and functions are used in JavaScript, and provide an example of using a dialog box in JavaScript.

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11. Discuss their functionality of window object, browser object, form object, navigator object, and cookies. Discuss their functionality with examples.
12. Discuss the basic web server controls in ASP.NET, such as Label, Textbox, Button, Image, Links, Check Box, Radio Button, and Hyperlink.
13. Explain the concepts of security in web applications. Discuss Authentication, IP Address filtering, and securing communication through SSL and Client Certificates, providing examples of how each method enhances security.
