

Satyug Darshan Institute of Engineering and Technology, Faridabad

Programme: B.C.A. (DS)

Year/Semester : 2nd/3rd

Subject Name : Internet and Web Technology

Subject Code : BCG-205-V

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Unit -1

Short Questions

S. No.	Questions	Bloom Taxonomy
1	State the definition of the Internet.	K1
2	Define the World Wide Web.	K1
3	Identify the inventor of the World Wide Web.	K1
4	Describe the fundamental purpose of a web browser.	K1
5	Provide a technical definition for a web server.	K1
6	Write the full forms of the acronyms HTTP and TCP/IP.	K1
7	State the meaning of the term Uniform Resource Locator.	K1
8	Define the concept of WebCasting.	K1
9	List the primary functions of a search engine.	K1
10	Name two specific examples of search tools.	K1
11	Contrast the roles of a web browser and a web server.	K1
12	Differentiate between HTTP and HTTPS.	K2
13	List out four popular Search Engines.	K1
14	Define webpage.	K1
15	Outline the basic features of the World Wide Web.	K2

Long Questions

1	Explain the HTTP request–response mechanism using a client-server scenario.	K2
2	Identify and label the specific components of a complex URL.	K3
3	Show the relationship between HTTP and TCP/IP protocols in the context of data transmission.	K3
4	Apply various searching techniques to refine and improve web-based information retrieval.	K3
5	Describe the various types of search engines and search tools	K2
6	Discuss all the Search Tools required in Searching Techniques.	K2
7	Outline the services provided by the TCP/IP protocol suite.	K2

Unit -2

S. No.	Short Questions	Bloom Taxonomy
1	State the definition of HTML.	K1
2	Write the full form of the acronyms HTML and CSS.	K1
3	Define the term hypertext.	K1
4	Describe the purpose of an HTML tag and an attribute.	K1
5	Define a hyperlink in the context of web navigation.	K1
6	State the function of a header tag.	K1
7	Provide definitions for DHTML and JavaScript.	K1
8	Identify the role of CSS positioning and the ID attribute.	K1
9	Define an "event" within the scope of DHTML.	K1

10	State the purpose of forms and tables in a webpage.	K1
11	Outline the primary features of an HTML document.	K2
12	State the role of <MARQUEE> tag?	K1
13	Write the importance of tag.	K1
14	Write how <DT> and <DD> related in lists.	K1
15	Summarize different text styles and formatting options available in HTML.	K2
Long Questions		
1	Explain the conceptual relationship between hypertext and the HTML language.	K2
2	Describe the various types of HTML tags, distinguishing between paired and unpaired tags.	K2
3	Summarize the techniques used for page layout and positioning using HTML and CSS.	K2
4	Demonstrate the method for creating hyperlinks to connect multiple web pages.	K3
5	Apply text formatting and structuring tags to organize content within a document.	K3
6	Execute the implementation of background colors and text colors using HTML attributes or CSS.	K3
7	Describe HTML along with its version and features in detail.	K2
8	Summarize formatted tags in HTML? Discuss all with example.	K2
9	Construct an HTML page that showcases different heading styles (\$h1\$ through \$h6\$) and varied color schemes.	K3
Unit -3		
S. No.	Short Questions	Bloom Taxonomy
1	State the difference between ordered and unordered lists.	K1
2	Describe the syntax for inserting images in HTML.	K1
3	List the core features of DHTML.	K1
4	Define CSS, CSSP, and JavaScript-assisted style sheets (JSSS).	K1
5	Identify the functions of radio buttons, check boxes, and text boxes.	K1
6	State the role of DHTML events and ID attributes in web interactivity.	K1
7	Summarize the primary components of a web browser architecture.	K2
8	Describe the specific role of JavaScript within the DHTML framework.	K2
9	Define JavaScript	K1
10	Differentiate between Cellspacing and Cellpadding in Tables in HTML	K2
11	List out the types of Lists in HTML.	K1
12	Define Stylesheet in HTML.	K1
13	Outline the basic concepts of table and frame layouts.	K2
Long Questions		
1	Differentiate between ordered and unordered lists with the help of program.	K2
2	Explain the working mechanism of HTML forms and their various controls.	K2
3	Illustrate the detailed architecture of a web browser using a structural diagram.	K3
4	Construct a user input form featuring radio buttons, check boxes, and text fields.	K3
Unit -4		
S. No.	Short Questions	Bloom Taxonomy
1	State the definition of web hosting.	K1
2	Define the term Internet Service Provider (ISP).	K1
3	Provide a definition for a domain name.	K1
4	Describe the purpose of a website home page.	K1
5	State the definition of cloud hosting.	K1
6	Define the concept of website security.	K1
7	List common web terminologies used in publishing.	K1
8	Summarize the primary roles of Internet Service Providers in web connectivity.	K2
9	Outline the hierarchy and structure of domain names.	K2
10	Define Website.	K1
11	State the role of Home Page on Website.	K1
12	List out the type of Content on Website.	K1
13	Write how testing helps in website publishing.	K2
14	List out four security issues related to website.	K1
Long Questions		
1	Explain the various types of web hosting services	K2

2	Describe the different phases involved in planning a website	K2
3	Summarize common security issues and vulnerabilities related to web publishing.	K2
4	Describe the importance of home page design in user experience and site navigation.	K2
5	Illustrate the complete process of planning, designing, and developing a website using a flowchart.	K3
6	Explain the role of ISP in detail.	K2