**🔹 1) Terminologies**

1. **Q:** What is a client in web terminology?  
   **A:** A client is the user’s device/browser requesting data from a server.
2. **Q:** What is a server?  
   **A:** A server is a computer/system that provides data, services, or resources to clients.
3. **Q:** What is client-server architecture?  
   **A:** A model where the client requests and the server responds.
4. **Q:** What is GUI?  
   **A:** Graphical User Interface; allows users to interact visually with software.
5. **Q:** Define web browser.  
   **A:** A software to access and render web pages (e.g., Chrome, Firefox).
6. **Q:** What is an address bar?  
   **A:** The input field in a browser to enter web addresses.
7. **Q:** Define web address.  
   **A:** The location of a resource on the web, usually in the form of a URL.
8. **Q:** What is a domain name?  
   **A:** Human-readable name that maps to an IP address (e.g., google.com).
9. **Q:** What is a subdomain?  
   **A:** A subdivision of a domain, like **blog.example.com**.
10. **Q:** Difference between URL and URI?  
    **A:** URL specifies resource location; URI is a broader identifier.
11. **Q:** What is a query string in a URL?  
    **A:** A part after **?** used to send data (e.g., **?id=5**).
12. **Q:** Define a web page.  
    **A:** A single document on the web, written in HTML.
13. **Q:** Define a website.  
    **A:** A collection of interlinked web pages under one domain.
14. **Q:** What is web hosting?  
    **A:** A service providing server space for websites.
15. **Q:** What is server space?  
    **A:** Storage capacity on a server to hold website files.
16. **Q:** What is TCP/IP?  
    **A:** A set of communication protocols used on the internet.
17. **Q:** What is a protocol?  
    **A:** A set of rules governing communication between systems.
18. **Q:** Difference between HTTP and HTTPS?  
    **A:** HTTPS is HTTP with encryption (SSL/TLS).
19. **Q:** What is SEO?  
    **A:** Search Engine Optimization — improving site visibility in search results.
20. **Q:** What is a text editor?  
    **A:** A program to write/edit code (e.g., VS Code, Notepad++).

**🔹 2) Introduction to HTML**

1. **Q:** What does HTML stand for?  
   **A:** HyperText Markup Language.
2. **Q:** Who invented HTML?  
   **A:** Tim Berners-Lee.
3. **Q:** Is HTML a programming language?  
   **A:** No, it’s a markup language.
4. **Q:** What is the latest version of HTML?  
   **A:** HTML5.
5. **Q:** What is the role of HTML in web development?  
   **A:** It structures content on the web.
6. **Q:** What is a doctype declaration?  
   **A:** **<!DOCTYPE html>** — defines the HTML version.
7. **Q:** Difference between HTML and XHTML?  
   **A:** XHTML is stricter and XML-based.
8. **Q:** Can HTML work without CSS/JS?  
   **A:** Yes, but with only structure, no styling/interaction.
9. **Q:** What is a nested element in HTML?  
   **A:** An element placed inside another (e.g., **<p><b>Text</b></p>**).
10. **Q:** What is a comment in HTML?  
    **A:** **<!-- This is a comment -->**, ignored by browsers.

**🔹 3) Tags & Elements**

1. **Q:** Difference between tag and element?  
   **A:** Tag = **<p>**; Element = **<p>content</p>**.
2. **Q:** What is an inline element?  
   **A:** Does not start on a new line (e.g., **<span>**).
3. **Q:** What is a block-level element?  
   **A:** Occupies full width, starts on a new line (e.g., **<div>**).
4. **Q:** Give 2 semantic elements.  
   **A:** **<article>**, **<nav>**.
5. **Q:** Give 2 non-semantic elements.  
   **A:** **<div>**, **<span>**.
6. **Q:** What is a void tag?  
   **A:** A tag without a closing tag (e.g., **<br>**).
7. **Q:** Example of a self-closing tag?  
   **A:** **<img />**.
8. **Q:** Can a **<div>** contain a **<p>**?  
   **A:** Yes.
9. **Q:** Can a **<p>** contain a **<div>**?  
   **A:** No, block elements cannot go inside **<p>**.
10. **Q:** Why prefer semantic tags over **<div>**?  
    **A:** For clarity, accessibility, and SEO.

**🔹 4) Formatting & Marquee**

1. **Q:** What does **<b>** do?  
   **A:** Makes text bold (non-semantic).
2. **Q:** Difference between **<b>** and **<strong>**?  
   **A:** **<strong>** gives importance; **<b>** is just styling.
3. **Q:** What does **<i>** do?  
   **A:** Makes text italic (non-semantic).
4. **Q:** Difference **<i>** vs **<em>**?  
   **A:** **<em>** conveys emphasis, **<i>** is stylistic.
5. **Q:** Use of **<u>**?  
   **A:** Underlines text.
6. **Q:** Use of **<mark>**?  
   **A:** Highlights text.
7. **Q:** What is **<pre>** used for?  
   **A:** Preserves whitespace/formatting.
8. **Q:** What is **<code>** used for?  
   **A:** Displays inline code snippets.
9. **Q:** What is the **<marquee>** tag?  
   **A:** Creates scrolling text (deprecated).
10. **Q:** Should **<marquee>** be used in modern HTML?  
    **A:** No, it’s obsolete; use CSS animations instead