WebDAV – Day 1 HTML5 Interview Practice Sheet

Topic: HTML5 Essentials – Semantic Tags, Forms, Media, SEO Basics

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Section A: Core Questions & Answers

1 Difference between <div> and Semantic Elements

Q: What is the difference between <div> and semantic elements like <section>, <article>, <header>?
A:

- <div> → Generic container, has no meaning.

- Semantic elements → Provide meaning to content. Helps **SEO, accessibility, and readability**. **Example:**

<section>

  <h2>Features</h2>

  <p>Our website features...</p>

</section>

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2 <figure> and <figcaption>

Q: What are <figure> and <figcaption> used for?
A: For self-contained media content with a caption describing it.
Example:

<figure>

  <img src="sunset.jpg" alt="Sunset over hills">

  <figcaption>Evening view at Western Hills</figcaption>

</figure>

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3 <!DOCTYPE html>

Q: What does <!DOCTYPE html> do?
A: Declares the document as HTML5 and ensures the browser uses **standards mode** instead of quirks mode.

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4 meta charset="UTF-8"

Q: Why is meta charset="UTF-8" important?
A: Defines character encoding. Supports all languages and symbols (e.g., ₹, é, ü).

5 Viewport Meta Tag

Q: What does <meta name="viewport" content="width=device-width, initial-scale=1.0"> do?
A: Enables **responsive design** by setting page width to device width and initial zoom level to 1.0.

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6 New HTML5 Input Types

Q: Name five new HTML5 input types and their use.
A: email, number, url, date, color
Example:

```
<input type="email" placeholder="Enter email" required>
```

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7 Media Tags

Q: What are <audio> and <video> used for?
A: Embed media without plugins.
Example:

```
<video src="intro.mp4" controls width="400"></video>
```

```
<audio src="music.mp3" controls></audio>
```

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8 Meta Description

Q: What is <meta name="description"> used for?
A: Provides a short summary for search engines and social media previews.
Example:

```
<meta name="description" content="Portfolio of Manju – full-stack web developer.">
```

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9 <section> vs <article>

Q: Difference between <section> and <article>?
A:

- <section> → Groups related content under a theme.

- <article> → Independent, reusable content (blog post, news item).

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10 Importance of Semantic Tags for SEO

Q: Why are semantic tags important for SEO?
A: Crawlers use them to understand page hierarchy and content meaning, improving indexing and ranking.

Section B: Rapid-Fire Review

Tag	Purpose	Example
<header>	Top section / intro	<header>My Website</header>
<footer>	Bottom info / contact	<footer>©2025 Manju</footer>
<main>	Core unique content	<main>All posts here</main>
<aside>	Sidebar / related content	<aside>Ad or links</aside>
<nav>	Navigation links	<nav>Home</nav>
<mark>	Highlight text	<mark>Important</mark>
<time>	Date/time info	<time datetime="2025-10-22">Oct 22, 2025</time>

Section C: Meta Tag Summary

Meta Attribute	Example	Purpose
charset	<meta charset="UTF-8">	Character encoding
viewport	<meta name="viewport" content="width=device-width, initial-scale=1.0">	Mobile responsiveness
description	<meta name="description" content="Manju's Portfolio Page">	SEO snippet
author	<meta name="author" content="Manju L.">	Author credit
keywords	<meta name="keywords" content="HTML5, CSS, JS, Web Dev">	SEO hint
robots	<meta name="robots" content="index, follow">	Crawler instruction