🌐 HTML INTERVIEW QUESTIONS & ANSWERS (TOP 50)

◆ BASIC LEVEL

1 What is HTML?

HTML is a **markup language** used to create and structure web pages.

---

2 Is HTML a programming language?

No. HTML is **not a programming language** because it does not support logic or conditions.

---

3 What does HTML stand for?

HyperText Markup Language

---

4 What is a tag?

A tag is a **keyword enclosed in angle brackets** used to define elements.

---

5 What is an element?

An element consists of **opening tag, content, and closing tag**.

---

6 What is DOCTYPE?

DOCTYPE tells the browser **which version of HTML** is being used.

---

7 What is the use of `<head>` tag?

It contains **meta information**, title, and links to CSS/JS.

---

8 What is the use of `<body>` tag?

It contains **visible content** of the web page.

---

9 Difference between HTML and HTML5?

HTML	HTML5
Old version	Latest
No multimedia	Audio & Video
No semantic tags	Semantic tags

◆ TEXT & STRUCTURE

10 What are heading tags?

HTML provides `<h1>` to `<h6>` to define headings.

---

11 How many `<h1>` tags should be used per page?

Only **one `<h1>`** for SEO best practices.

---

12 Difference between `<b>` and `<strong>`?

- `<b>`: visual bold

- `<strong>`: semantic importance

---

13 Difference between `<i>` and `<em>`?

- `<i>`: style only

- `<em>`: emphasized meaning

---

14 What is `<br>` tag?

It inserts a **line break** and is a self-closing tag.

---

15 What is `<hr>` tag?

It creates a **horizontal line**.

◆ LINKS & MEDIA

16 What is anchor tag?

`<a>` tag is used to create hyperlinks.

---

17 What is `target="_blank"`?

Opens link in a **new tab**.

---

18 What is the `alt` attribute?

Alternative text shown when image fails & helps SEO.

---

19 Why is `alt` attribute important?

For **accessibility**, **SEO**, and screen readers.

---

20 What are absolute and relative URLs?

- Absolute: Full URL

- Relative: Path within website

◆ LISTS & TABLES

21 Types of lists in HTML?

- Ordered

- Unordered

- Description

---

22 Difference between `<ol>` and `<ul>`?

- `<ol>`: numbered list

- `<ul>`: bullet list

---

23 What is `<table>` tag?

Used to display data in rows and columns.

---

24 Difference between `<th>` and `<td>`?

- `<th>`: table header

- `<td>`: table data

---

25 What is `colspan`?

Used to **merge columns** in table.

◆ FORMS (VERY IMPORTANT)

26 What is a form?

Form is used to **collect user input**.

---

27 What is the use of `<input>` tag?

To create input fields.

---

28 What are common input types?

```
text, password, email, radio, checkbox, submit
```

---

29 Difference between radio and checkbox?

- Radio: select one

- Checkbox: select multiple

---

30 What is the `name` attribute?

Used to **identify form data** during submission.

◆ HTML5 & SEMANTICS

31 What are semantic tags?

Tags that **describe the meaning** of content.

---

32 Examples of semantic tags?

```
<header>, <nav>, <section>, <article>, <footer>
```

---

33 Why semantic tags are important?

Improve **SEO**, **accessibility**, and readability.

---

34 What is meta viewport?

Controls **responsive design**.

---

35 What are meta tags?

Provide **metadata** about the page.

◆ BLOCK & INLINE

36 What is a block-level element?

Element that starts on a **new line**.

---

37 Examples of block elements?

```
<div>, <p>, <h1>
```

---

38 What is an inline element?

Element that stays on the **same line**.

---

39 Examples of inline elements?

```
<span>, <a>, <img>
```

◆ **ATTRIBUTES & OTHERS**

40 What is an attribute?

Provides **additional information** to an element.

---

41 Difference between id and class?

id	class
Unique	Reusable

---

42 What is iframe?

Used to embed **another webpage** inside a page.

---

43 What is localStorage?

Stores data in browser **permanently**.

---

44 Difference between localStorage and sessionStorage?

- localStorage: permanent

- sessionStorage: until tab closed

---

45 What is HTML comment?

Used to add notes in code.

```
<!-- comment -->
```

◆ ADVANCED / TRICKY

46 Is HTML case-sensitive?

No, HTML is **not case-sensitive**.

4️⃣7️⃣ Can HTML run logic?

No. HTML cannot perform conditions or loops.

4️⃣8️⃣ What is canvas?

Used for **drawing graphics** using JavaScript.

4️⃣9️⃣ What is the purpose of `charset`?

Defines **character encoding** (UTF-8).

5️⃣0️⃣ What is accessibility in HTML?

Designing pages usable by **screen readers & disabled users**.

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