

## HTML Interview Questions & Answers

### Q1: What is a div and span tag?

A: div - is block level container

span - is inline level container

### Q2: What happens if image source path is wrong?

A: The alt text is shown as alternative text.

### Q3: Difference between id and class?

A: id - unique identifier for one element

class - for multiple elements

### Q4: Meaning of tags like article and strong?

A: article - defines an article section

strong - text with important meaning or bold

### Q5: Purpose of DOCTYPE in HTML?

A: It shows the HTML version being used.

### Q6: Difference between ul, ol, and li?

A: ul - unordered list with bullets

ol - ordered list with numbers/alphabets

li - list item

### Q7: What attribute opens a link in new tab/window?

A: target="\_blank"

### Q8: Purpose of head and body tags?

A: head - for metadata like title, favicon

body - structure of the webpage

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### Q9: Textarea and input tags usage?

A: textarea - for multi-line text input

input - for single-line user input

### Q10: Use of required attribute in form?

A: Makes the field mandatory to fill before submit

### Q11: Difference between GET and POST methods?

A: GET - insecure, limited data

POST - secure, unlimited data

### Q12: Purpose of iframe tag?

A: To embed videos, maps, or other web pages in your page

### Q13: Difference between b and strong tags?

A: b - only bold

strong - bold with important meaning

### Q14: Placeholder attribute usage?

A: Shows hint text inside input fields

### Q15: Link tag vs a tag?

A: link - attach external CSS/JS files (non-clickable)

a - clickable hyperlink

### Q16: Purpose of charset UTF-8 meta tag?

A: Specifies character encoding, supports all languages

### Q17: Purpose of nav element?

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A: Semantic container for navigation links like menus

### **Q18: Purpose of meta viewport tag?**

A: Makes website responsive by controlling viewport on mobile

### **Q19: Difference between block, inline, inline-block?**

A: block - full width, new line

inline - only needed width, no new line

inline-block - inline but can set width/height

### **Q20: Semantic vs non-semantic tags?**

A: Semantic - describe meaning (header, footer)

Non-semantic - generic containers (div, span)

### **Q21: Difference between disabled, readonly, required in forms?**

A: disabled - unusable, not submitted

readonly - user can't edit but submitted

required - must fill to submit

### **Q22: Difference between label and placeholder?**

A: label - name of input

placeholder - hint text inside input

### **Q23: What does meta refresh do?**

A: Refresh or redirect page after some seconds

### **Q24: Difference between strong and em?**

A: strong - important meaning (bold)

em - emphasis (italic)

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### Q25: Difference between head and header?

A: head - metadata, not visible

header - visible top section of page

### Q26: Purpose of main element?

A: Main content of page, good for SEO and accessibility

### Q27: Difference between em and i?

A: em - semantic emphasis (HTML5)

i - italic style, no meaning

### Q28: target=\_blank attribute usage and security?

A: Open link in new tab; add rel='noopener noreferrer' to avoid security risks

### Q29: Difference between article and section?

A: article - independent content

section - thematic grouping

### Q30: Difference between figure and figcaption?

A: figure - media container

figcaption - caption for figure

### Q31: What does defer attribute in script do?

A: Load script after HTML parsing, improves performance

### Q32: Purpose of aria-label attribute?

A: Adds accessible name to elements for screen readers