HTML / CSS / JAVASCRIPT

HTML / CSS / JavaScript – LTIMindtree Associate Trainee SPECIFIC Q&A

◈ PART 1

Q1. Service company projectsలో HTML/CSS/JS ఎందుకు అవసరం?

Answer:
Frontend user interface కోసం. Client applicationsలో UI clarity, responsiveness చాలా ముఖ్యము.

Q2. Associate Trainee నుండి frontendలో ఏమి ఆశిస్తారు?

Answer:
Basics clear ఉండాలి, layouts అర్థం కావాలి, JS ద్వారా interaction handle చేయగలగాలి, frameworks నేర్చుకునే attitude ఉండాలి.

Q3. Backend developer అయినా frontend ఎందుకు తెలుసుకోవాలి?

Answer:
End-to-end flow అర్థం కావడానికి, team coordination కోసం.

◈ PART 2

CORE HTML INTERVIEW QUESTIONS & ANSWERS

(Any Company | Any Role)

Q1. What is HTML?

Answer:
HTML is a markup language used to structure web content.

Q2. What are tags and attributes?

Answer:
Tags define elements. Attributes provide extra information.

Q3. Difference between <div> and <span>?

Answer:
div is block-level. span is inline.

Q4. What is semantic HTML?

Answer:
Using meaningful tags like <header>, <footer>, <article> for better readability and SEO.

Q5. What is form and why used?

Answer:
Form collects user input and sends it to server.

◈ PART 3

CORE CSS INTERVIEW QUESTIONS & ANSWERS

Q1. What is CSS?

Answer:
CSS styles HTML elements.

Q2. Difference between class and id?

Answer:
Class can be reused. ID must be unique.

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Q3. What is box model?

Answer:
Content, padding, border, margin.

Q4. What is display property?

Answer:
Controls layout behavior like block, inline, flex.

Q5. What is Flexbox?

Answer:
CSS layout model to align items easily.

◈ PART 4

CORE JavaScript INTERVIEW QUESTIONS & ANSWERS

Q1. What is JavaScript?

Answer:
JavaScript is a scripting language used to add interactivity to web pages.

Q2. Difference between var, let, const?

Answer:
var function scope, let block scope, const constant value.

Q3. What is DOM?

Answer:
DOM represents HTML as objects which JS can manipulate.

Q4. What is event?

Answer:
An action like click or keypress handled by JS.

Q5. What is function?

Answer:
Reusable block of code to perform a task.

◈ PART 5

BASIC – CRITICAL – PROGRAMMING (3 TYPES)

◈ A. BASIC QUESTIONS (Foundation)

HTML

What is HTML used for?
Ans: Structure of webpage.

CSS

Why CSS needed?
Ans: Styling and layout.

JS

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Why JavaScript needed?
Ans: Interactivity.

◈ B. CRITICAL QUESTIONS (Elimination Level)

HTML

1. Difference between inline and block elements?
Ans: Inline takes content width; block takes full width.

CSS

2. Difference between display:none and visibility:hidden?
Ans: display:none removes element; visibility:hidden hides but keeps space.

JavaScript

3. Difference between == and ===?
Ans: == compares value; === compares value and type.

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4. What is hoisting?
Ans: Variable and function declarations move to top.

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5. What is scope? Ans: Accessibility of variables.

◈ HTML/CSS. PROGRAMMING LOGIC QUESTIONS (Explain Logic)

HTML/CSS

1. Create simple form layout – logic explain
Logic: Use form tag, labels, inputs, CSS for alignment.

JavaScript

2. Reverse a string
Logic: Convert to array, reverse, join.

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3. Validate form input
Logic: Check empty fields using JS before submit.

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4. Change button color on click
Logic: Use event listener and style change.

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5. Hide/show element
Logic: Toggle CSS display using JS.

◉ FRONTEND – COMMON INTERVIEW TRAPS & SAFE ANSWERS

Trap: "I know React already"

✗ Without basics

☑ Safe:
"I have strong JS basics and I'm learning frameworks."

Trap: "CSS is easy, no need"

✗

☑ Safe:
"CSS is important for responsive UI and user experience."

Trap: Guessing JS output blindly

✗

☑ Safe:
"This depends on scope/hoisting; let me explain logic."