✅ 1. CSS3 Introduction

Direct:

1. What does CSS stand for?
   a) Creative Style Sheets
   b) Cascading Style Sheets
   c) Computer Style Sheets
   d) Colorful Style Sheets
   ✅ **Answer: b**

2. Where in an HTML document is the correct place to link an external CSS file?
   a) At the end of the document
   b) Inside the `<body>`
   c) Inside the `<head>`
   d) After the `<html>` tag
   ✅ **Answer: c**

3. What is the correct HTML tag to refer to an external style sheet?
   a) `<style src="style.css">`
   b) `<stylesheet>style.css</stylesheet>`
   c) `<link rel="stylesheet" href="style.css">`
   d) `<css>style.css</css>`
   ✅ **Answer: c**

Scenario-based:

4. A web developer wants to change the font and background of a company site globally. What CSS method is best suited?
   a) Inline CSS
   b) Internal CSS
   c) External CSS
   d) JavaScript styling
   ✅ **Answer: c**

5. You are building a site with multiple pages and need consistent styles. What would you use?
   a) Inline styles in each HTML page
   b) JavaScript to style HTML elements
   c) External stylesheet
   d) Embedded styles in each page
   ✅ **Answer: c**

✅ 2. CSS3 Selectors

Direct:

1. Which selector selects all `<p>` elements?
   a) p:all
   b) p.all
   c) p
   d) .p
   ✅ **Answer: c**

2. Which CSS selector targets an element with a specific ID?
   a) `#idName`
   b) `.idName`
   c) `idName`
   d) `%idName`
   ✅ **Answer: a**

3. What does the `*` selector do in CSS?
   a) Selects the body element only
   b) Selects all elements
   c) Selects comments
   d) Selects classes only
   ✅ **Answer: b**

Scenario-based:

4. A developer wants to style only the `<a>` tags inside the `<nav>` tag. Which selector should be used?
   a) `nav a`
   b) `a.nav`
   c) `#nav a`
   d) `a > nav`
   ✅ **Answer: a**

5. You need to apply different colors to odd-numbered list items. Which selector helps?
   a) `li:nth-child(2n)`
   b) `li:odd-child`
   c) `li:nth-of-type(odd)`
   d) `li:nth-child(odd)`
   ✅ **Answer: d**

✅ 3. CSS3 Styling

Direct:

1. Which property is used to change text color?
   a) background-color
   b) font-color

c) color
d) text-color

✅ **Answer: c**

2. Which CSS property controls the text size?
a) text-style
b) font-weight
c) font-size
d) size-text

✅ **Answer: c**

3. What does `text-align: center;` do?
a) Aligns text to the left
b) Aligns text to the right
c) Centers text
d) Justifies text

✅ **Answer: c**

Scenario-based:

4. A developer needs to give a button rounded corners. Which property should be used?
a) padding
b) border-width
c) border-radius
d) outline

✅ **Answer: c**

5. You want a background image to cover the full section without repeating. Which combination works?
a) `background-size: cover; background-repeat: no-repeat;`
b) `background-fit: stretch;`
c) `bg-size: full; bg-repeat: off;`
d) `background-position: center;`

✅ **Answer: a**

✅ 4. Box Model

Direct:

1. What are the components of the box model (from inside out)?
a) Padding > Border > Margin > Content
b) Content > Padding > Border > Margin
c) Margin > Border > Padding > Content
d) Border > Padding > Margin > Content

✅ **Answer: b**

2. Which property adds space inside the border of an element?
   a) margin
   b) padding
   c) spacing
   d) border-spacing
   ✅ **Answer: b**

3. Which property adds space outside the border?
   a) spacing
   b) margin
   c) padding
   d) outline
   ✅ **Answer: b**

Scenario-based:

4. A developer wants to prevent elements from overflowing their parent. Which value should be used with `box-sizing`?
   a) content-box
   b) border-box
   c) padding-box
   d) margin-box
   ✅ **Answer: b**

5. The layout has unexpected white space around a `div`. Which part of the box model is likely the cause?
   a) Padding
   b) Margin
   c) Border
   d) Content
   ✅ **Answer: b**

✅ 5. Advanced Concepts (Media Queries & RWD)

Direct:

1. What is the purpose of media queries in CSS?
   a) To style based on browser language
   b) To style based on screen size/device
   c) To include multimedia in CSS
   d) To detect mouse events
   ✅ **Answer: b**

2. Which syntax is correct for applying styles to screens less than 768px wide?
   a) `@media (max-size: 768px)`
   b) `@media screen and (max-width: 768px)`
   c) `@media screen <= 768px`

d) `@media width < 768px`
✅ **Answer: b**

3. What does "responsive design" primarily aim for?
   a) Quick loading times
   b) High contrast UI
   c) Adaptable layout on all screen sizes
   d) SEO optimization
   ✅ **Answer: c**

Scenario-based:

4. A developer wants a layout to be 2-column on desktop but 1-column on mobile. What tool should be used?
   a) JavaScript resize listener
   b) Media queries
   c) Grid gaps
   d) Inline-block styling
   ✅ **Answer: b**

5. A mobile user sees content overflowing the screen. What's the likely missing tag?
   a) `<meta name="viewport" content="width=device-width, initial-scale=1.0">`
   b) `<script>`
   c) `<link rel="stylesheet">`
   d) `<media content="mobile">`
   ✅ **Answer: a**