**CSS MCQ Questions - 20 Complete Sets**

**Industry-Standard Questions for 2025 Freshers**

**Instructions for Students:**

* Each set contains 20 multiple-choice questions
* Time limit: 30 minutes per set
* Choose the most appropriate answer
* Answers are provided in a separate document

**SET 1**

**Question 1:** What does CSS stand for? A) Computer Style Sheets B) Cascading Style Sheets C) Creative Style Sheets D) Colorful Style Sheets

**Question 2:** Which HTML element is used to define internal CSS styles? A) <css> B) <style> C) <script> D) <stylesheet>

**Question 3:** What is the correct CSS syntax for making text bold? A) font-weight: bold; B) text-weight: bold; C) font-style: bold; D) text-style: bold;

**Question 4:** Which CSS property is used to change the text color? A) text-color B) color C) font-color D) foreground-color

**Question 5:** What is the correct CSS property for changing the background color? A) bg-color B) background-color C) back-color D) color-background

**Question 6:** Which CSS selector targets elements by ID? A) .id B) #id C) @id D) id

**Question 7:** What is the correct CSS selector for targeting elements by class? A) #class B) .class C) @class D) class

**Question 8:** Which CSS property controls the font size? A) text-size B) font-size C) size D) text-height

**Question 9:** What is the correct CSS property for controlling margins? A) spacing B) margin C) padding D) border

**Question 10:** Which CSS property is used to control padding? A) inner-spacing B) padding C) margin D) spacing

**Question 11:** What is the correct CSS property for setting borders? A) outline B) border C) frame D) edge

**Question 12:** Which CSS property controls text alignment? A) align B) text-align C) alignment D) position

**Question 13:** What is the correct CSS property for controlling element width? A) size B) width C) w D) element-width

**Question 14:** Which CSS property controls element height? A) tall B) height C) h D) element-height

**Question 15:** What is the correct CSS property for controlling element display type? A) show B) display C) visible D) type

**Question 16:** Which CSS property is used for positioning elements? A) location B) position C) place D) coordinate

**Question 17:** What is the correct CSS property for controlling z-index layering? A) layer B) z-index C) stack D) depth

**Question 18:** Which CSS property controls overflow behavior? A) scroll B) overflow C) hidden D) clip

**Question 19:** What is the correct CSS property for controlling opacity/transparency? A) transparency B) opacity C) alpha D) visible

**Question 20:** Which CSS property is used to control line height? A) line-spacing B) line-height C) text-height D) row-height

**SET 2**

**Question 1:** Which CSS property is used to control the font family? A) typeface B) font-family C) font-type D) text-family

**Question 2:** What is the correct CSS property for font style (italic)? A) font-style B) text-style C) font-italic D) text-italic

**Question 3:** Which CSS property controls text decoration? A) font-decoration B) text-decoration C) text-style D) decoration

**Question 4:** What is the correct CSS property for text transformation? A) text-case B) text-transform C) font-transform D) case-transform

**Question 5:** Which CSS property controls letter spacing? A) character-spacing B) letter-spacing C) text-spacing D) font-spacing

**Question 6:** What is the correct CSS property for word spacing? A) text-spacing B) word-spacing C) space-between D) word-gap

**Question 7:** Which CSS property controls text indentation? A) indent B) text-indent C) paragraph-indent D) first-line-indent

**Question 8:** What is the correct CSS property for controlling white space? A) space B) white-space C) text-space D) spacing

**Question 9:** Which CSS property controls the direction of text? A) text-direction B) direction C) text-flow D) writing-mode

**Question 10:** What is the correct CSS property for vertical alignment? A) align B) vertical-align C) v-align D) text-vertical

**Question 11:** Which CSS property is used to control list style type? A) list-type B) list-style-type C) list-marker D) marker-type

**Question 12:** What is the correct CSS property for list style position? A) list-position B) list-style-position C) marker-position D) list-align

**Question 13:** Which CSS property controls list style image? A) list-image B) list-style-image C) marker-image D) list-icon

**Question 14:** What is the correct CSS shorthand for list style? A) list B) list-style C) list-properties D) marker

**Question 15:** Which CSS property is used to control table borders? A) table-border B) border-collapse C) border-spacing D) table-outline

**Question 16:** What is the correct CSS property for table border spacing? A) table-spacing B) border-spacing C) cell-spacing D) border-gap

**Question 17:** Which CSS property controls table layout algorithm? A) table-algorithm B) table-layout C) layout D) table-style

**Question 18:** What is the correct CSS property for empty table cells? A) empty-cells B) hide-empty C) cell-empty D) table-empty

**Question 19:** Which CSS property is used for table caption side? A) caption-position B) caption-side C) table-caption D) caption-align

**Question 20:** What is the correct CSS property for cursor style? A) mouse B) cursor C) pointer D) mouse-cursor

**SET 3**

**Question 1:** Which CSS display value makes an element behave like a block? A) inline B) block C) inline-block D) flex

**Question 2:** What is the correct CSS display value for inline elements? A) block B) inline C) inline-block D) none

**Question 3:** Which CSS display value combines inline and block characteristics? A) mixed B) inline-block C) hybrid D) both

**Question 4:** What is the correct CSS display value to hide an element? A) hidden B) none C) invisible D) hide

**Question 5:** Which CSS display value creates a flexible box layout? A) flexible B) flex C) flexbox D) box-flex

**Question 6:** What is the correct CSS display value for grid layout? A) table B) grid C) grid-layout D) css-grid

**Question 7:** Which CSS display value makes an element behave like a table? A) grid B) table C) table-layout D) tabular

**Question 8:** What is the correct CSS display value for table rows? A) row B) table-row C) table-line D) tr

**Question 9:** Which CSS display value is used for table cells? A) cell B) table-cell C) td D) table-data

**Question 10:** What is the correct CSS visibility value to hide elements but keep space? A) none B) hidden C) invisible D) transparent

**Question 11:** Which CSS position value is the default? A) relative B) static C) absolute D) fixed

**Question 12:** What is the correct CSS position value for relative positioning? A) relative B) relative C) positioned D) offset

**Question 13:** Which CSS position value positions relative to the viewport? A) viewport B) fixed C) absolute D) sticky

**Question 14:** What is the correct CSS position value for absolute positioning? A) fixed B) absolute C) relative D) positioned

**Question 15:** Which CSS position value creates sticky positioning? A) stick B) sticky C) fixed-scroll D) scroll-fixed

**Question 16:** What is the correct CSS property for top positioning? A) top B) top C) position-top D) offset-top

**Question 17:** Which CSS property controls right positioning? A) right B) right C) position-right D) offset-right

**Question 18:** What is the correct CSS property for bottom positioning? A) bottom B) bottom C) position-bottom D) offset-bottom

**Question 19:** Which CSS property controls left positioning? A) left B) left C) position-left D) offset-left

**Question 20:** What is the correct CSS property for element floating? A) align B) float C) position-float D) side

**SET 4**

**Question 1:** Which CSS property is used to clear floating elements? A) float-clear B) clear C) no-float D) reset-float

**Question 2:** What is the correct CSS clear value to clear left floats? A) left B) left C) clear-left D) no-left

**Question 3:** Which CSS clear value clears both left and right floats? A) all B) both C) left-right D) clear-all

**Question 4:** What is the correct CSS property for box sizing? A) sizing B) box-sizing C) box-model D) element-sizing

**Question 5:** Which CSS box-sizing value includes padding and border in width? A) content-box B) border-box C) padding-box D) full-box

**Question 6:** What is the default CSS box-sizing value? A) border-box B) content-box C) padding-box D) margin-box

**Question 7:** Which CSS property controls the minimum width? A) min-width B) minimum-width C) width-min D) smallest-width

**Question 8:** What is the correct CSS property for maximum width? A) max-width B) maximum-width C) width-max D) largest-width

**Question 9:** Which CSS property controls minimum height? A) min-height B) minimum-height C) height-min D) smallest-height

**Question 10:** What is the correct CSS property for maximum height? A) max-height B) maximum-height C) height-max D) largest-height

**Question 11:** Which CSS property is used to control margin collapse? A) margin-collapse B) margin (natural behavior) C) collapse D) margin-merge

**Question 12:** What is the correct CSS syntax for margin shorthand (all sides)? A) margin: 10px; B) margins: 10px; C) margin-all: 10px; D) spacing: 10px;

**Question 13:** Which CSS margin shorthand syntax sets top/bottom and left/right? A) margin: 10px 20px; B) margin: 10px, 20px; C) margin: top-bottom left-right; D) margin: vertical horizontal;

**Question 14:** What is the correct CSS syntax for four different margin values? A) margin: top right bottom left; B) margin: 10px 20px 30px 40px; C) margin: t r b l; D) margin: 10px, 20px, 30px, 40px;

**Question 15:** Which CSS property sets padding for all sides? A) padding: 10px; B) paddings: 10px; C) padding-all: 10px; D) inner-spacing: 10px;

**Question 16:** What is the correct CSS syntax for border shorthand? A) border: width style color; B) border: 1px solid black; C) border: style width color; D) border: color width style;

**Question 17:** Which CSS property controls border width? A) border-size B) border-width C) border-thickness D) border-weight

**Question 18:** What is the correct CSS property for border style? A) border-type B) border-style C) border-pattern D) border-design

**Question 19:** Which CSS property controls border color? A) border-paint B) border-color C) border-tint D) border-shade

**Question 20:** What is the correct CSS property for border radius (rounded corners)? A) corner-radius B) border-radius C) border-corner D) rounded-corners

**SET 5**

**Question 1:** Which CSS background property sets the background image? A) bg-image B) background-image C) image D) background-pic

**Question 2:** What is the correct CSS property for background repeat? A) bg-repeat B) background-repeat C) repeat D) image-repeat

**Question 3:** Which CSS background-repeat value prevents repetition? A) none B) no-repeat C) once D) single

**Question 4:** What is the correct CSS property for background position? A) bg-position B) background-position C) position D) image-position

**Question 5:** Which CSS property controls background attachment? A) bg-attachment B) background-attachment C) attachment D) image-attachment

**Question 6:** What is the correct CSS background-attachment value for fixed backgrounds? A) stick B) fixed C) static D) attached

**Question 7:** Which CSS property is the shorthand for all background properties? A) bg B) background C) background-all D) backgrounds

**Question 8:** What is the correct CSS property for background size? A) bg-size B) background-size C) image-size D) background-scale

**Question 9:** Which CSS background-size value covers the entire element? A) fill B) cover C) stretch D) full

**Question 10:** What is the correct CSS background-size value to contain the image? A) fit B) contain C) inside D) scale

**Question 11:** Which CSS property controls background origin? A) bg-origin B) background-origin C) origin D) background-start

**Question 12:** What is the correct CSS property for background clip? A) bg-clip B) background-clip C) clip D) background-cut

**Question 13:** Which CSS gradient function creates linear gradients? A) gradient() B) linear-gradient() C) line-gradient() D) straight-gradient()

**Question 14:** What is the correct CSS function for radial gradients? A) circle-gradient() B) radial-gradient() C) round-gradient() D) circular-gradient()

**Question 15:** Which CSS property is used for multiple backgrounds? A) backgrounds B) background (comma-separated) C) multiple-background D) background-layers

**Question 16:** What is the correct CSS syntax for shadow effects? A) shadow B) box-shadow C) element-shadow D) drop-shadow

**Question 17:** Which CSS property creates text shadows? A) font-shadow B) text-shadow C) text-effect D) shadow-text

**Question 18:** What is the correct CSS syntax for inset shadows? A) inset keyword in box-shadow B) inner-shadow C) inside-shadow D) internal-shadow

**Question 19:** Which CSS property controls outline appearance? A) border-outline B) outline C) outer-border D) external-border

**Question 20:** What is the correct CSS property for outline offset? A) outline-spacing B) outline-offset C) outline-distance D) outline-gap

**SET 6**

**Question 1:** Which CSS transform function rotates elements? A) turn() B) rotate() C) spin() D) twist()

**Question 2:** What is the correct CSS transform function for scaling? A) size() B) scale() C) resize() D) zoom()

**Question 3:** Which CSS transform function translates (moves) elements? A) move() B) translate() C) shift() D) position()

**Question 4:** What is the correct CSS transform function for skewing? A) slant() B) skew() C) tilt() D) angle()

**Question 5:** Which CSS property controls the transform origin? A) origin B) transform-origin C) transform-center D) rotation-point

**Question 6:** What is the correct CSS property for 3D transforms? A) transform-3d B) transform (same property) C) 3d-transform D) perspective-transform

**Question 7:** Which CSS property sets 3D perspective? A) 3d-perspective B) perspective C) depth D) z-perspective

**Question 8:** What is the correct CSS property for perspective origin? A) perspective-point B) perspective-origin C) 3d-origin D) depth-origin

**Question 9:** Which CSS property controls backface visibility? A) back-visible B) backface-visibility C) reverse-visible D) back-face

**Question 10:** What is the correct CSS property for transform style? A) 3d-style B) transform-style C) transform-mode D) 3d-mode

**Question 11:** Which CSS transition property controls duration? A) transition-time B) transition-duration C) duration D) transition-length

**Question 12:** What is the correct CSS property for transition timing? A) transition-easing B) transition-timing-function C) timing D) transition-curve

**Question 13:** Which CSS property controls transition delay? A) transition-wait B) transition-delay C) delay D) transition-pause

**Question 14:** What is the correct CSS shorthand for transitions? A) transitions B) transition C) animate D) transition-all

**Question 15:** Which CSS property defines animation name? A) animation-id B) animation-name C) keyframe-name D) animation-title

**Question 16:** What is the correct CSS property for animation duration? A) animation-time B) animation-duration C) animation-length D) duration

**Question 17:** Which CSS property controls animation iteration count? A) animation-repeat B) animation-iteration-count C) animation-loop D) animation-count

**Question 18:** What is the correct CSS property for animation direction? A) animation-flow B) animation-direction C) animation-way D) animation-path

**Question 19:** Which CSS property controls animation fill mode? A) animation-state B) animation-fill-mode C) animation-end D) animation-complete

**Question 20:** What is the correct CSS rule for defining keyframes? A) @animation B) @keyframes C) @frames D) @animate

**SET 7**

**Question 1:** Which CSS unit is relative to the font size of the element? A) px B) em C) rem D) pt

**Question 2:** What is the correct CSS unit relative to the root font size? A) em B) rem C) root D) base

**Question 3:** Which CSS unit represents viewport width? A) vw B) vw C) viewport-width D) screen-width

**Question 4:** What is the correct CSS unit for viewport height? A) vh B) vh C) viewport-height D) screen-height

**Question 5:** Which CSS unit represents percentage? A) pct B) % C) percent D) pc

**Question 6:** What is the correct CSS unit for pixels? A) pixel B) px C) p D) pix

**Question 7:** Which CSS unit is used for points (print)? A) point B) pt C) p D) pts

**Question 8:** What is the correct CSS unit for inches? A) inch B) in C) i D) inches

**Question 9:** Which CSS unit represents centimeters? A) centimeter B) cm C) c D) cent

**Question 10:** What is the correct CSS unit for millimeters? A) millimeter B) mm C) m D) mill

**Question 11:** Which CSS unit represents the width of the "0" character? A) zero B) ch C) 0 D) char

**Question 12:** What is the correct CSS unit for the x-height of the font? A) x B) ex C) x-height D) xh

**Question 13:** Which CSS unit represents viewport minimum? A) vm B) vmin C) viewport-min D) v-min

**Question 14:** What is the correct CSS unit for viewport maximum? A) vmax B) vmax C) viewport-max D) v-max

**Question 15:** Which CSS color format uses hexadecimal values? A) rgb() B) #hex C) hsl() D) color()

**Question 16:** What is the correct CSS function for RGB colors? A) color() B) rgb() C) red-green-blue() D) rgba() (for alpha)

**Question 17:** Which CSS function includes alpha transparency? A) rgb-alpha() B) rgba() C) rgb-transparent() D) alpha-rgb()

**Question 18:** What is the correct CSS function for HSL colors? A) hue-sat-light() B) hsl() C) hsla() (for alpha) D) color-hsl()

**Question 19:** Which CSS function includes HSL with alpha? A) hsl-alpha() B) hsla() C) hsl-transparent() D) alpha-hsl()

**Question 20:** What is the correct CSS keyword for transparent color? A) clear B) transparent C) invisible D) none

**SET 8**

**Question 1:** Which CSS property is used for flexbox container? A) flex-container B) display: flex C) flexbox D) flex-box

**Question 2:** What is the correct CSS property for flex direction? A) flex-direction B) flex-direction C) direction D) flex-flow

**Question 3:** Which CSS property controls flex item wrapping? A) flex-wrap B) flex-wrap C) wrap D) flex-line

**Question 4:** What is the correct CSS shorthand for flex-direction and flex-wrap? A) flex-container B) flex-flow C) flex-direction-wrap D) flex-layout

**Question 5:** Which CSS property controls main axis alignment? A) align-content B) justify-content C) align-items D) justify-items

**Question 6:** What is the correct CSS property for cross axis alignment? A) justify-content B) align-items C) align-content D) cross-align

**Question 7:** Which CSS property aligns wrapped flex lines? A) line-align B) align-content C) align-lines D) flex-lines

**Question 8:** What is the correct CSS property for individual flex item alignment? A) item-align B) align-self C) self-align D) flex-align

**Question 9:** Which CSS property controls flex item growth? A) flex-grow B) flex-grow C) grow D) flex-expand

**Question 10:** What is the correct CSS property for flex item shrinking? A) flex-shrink B) flex-shrink C) shrink D) flex-compress

**Question 11:** Which CSS property sets the initial flex item size? A) flex-size B) flex-basis C) flex-initial D) basis

**Question 12:** What is the correct CSS shorthand for flex properties? A) flexbox B) flex C) flex-item D) flex-properties

**Question 13:** Which CSS property controls flex item order? A) position B) order C) flex-order D) sequence

**Question 14:** What is the correct CSS grid container property? A) grid-container B) display: grid C) css-grid D) grid-layout

**Question 15:** Which CSS property defines grid template columns? A) grid-columns B) grid-template-columns C) columns D) template-columns

**Question 16:** What is the correct CSS property for grid template rows? A) grid-rows B) grid-template-rows C) rows D) template-rows

**Question 17:** Which CSS property sets grid gap? A) grid-spacing B) grid-gap C) gap D) grid-gutter

**Question 18:** What is the correct CSS property for grid item placement? A) grid-position B) grid-area C) grid-place D) area

**Question 19:** Which CSS property controls grid column span? A) column-span B) grid-column C) grid-col D) col-span

**Question 20:** What is the correct CSS property for grid row span? A) row-span B) grid-row C) grid-r D) r-span

**SET 9**

**Question 1:** Which CSS media query targets screen devices? A) @media screen B) @media screen C) @screen D) @device screen

**Question 2:** What is the correct CSS media query for print styles? A) @media printer B) @media print C) @print D) @media paper

**Question 3:** Which CSS media query operator combines conditions? A) && B) and C) + D) &

**Question 4:** What is the correct CSS media query for maximum width? A) max-width B) max-width C) maximum-width D) width-max

**Question 5:** Which CSS media query targets minimum width? A) min-width B) min-width C) minimum-width D) width-min

**Question 6:** What is the correct CSS media query for device orientation? A) device-orientation B) orientation C) screen-orientation D) display-orientation

**Question 7:** Which CSS media query value represents portrait orientation? A) vertical B) portrait C) tall D) up

**Question 8:** What is the correct CSS media query value for landscape? A) horizontal B) landscape C) wide D) side

**Question 9:** Which CSS media query targets high-resolution displays? A) high-res B) min-resolution C) dpi D) retina

**Question 10:** What is the correct CSS media query for device width? A) screen-width B) device-width C) display-width D) viewport-width

**Question 11:** Which CSS property makes design responsive? A) responsive B) max-width: 100% C) adaptive D) flexible

**Question 12:** What is the correct CSS approach for mobile-first design? A) Desktop styles first B) Mobile styles as base, then media queries C) Separate mobile stylesheet D) JavaScript detection

**Question 13:** Which CSS unit is best for responsive typography? A) px B) em or rem C) pt D) pc

**Question 14:** What is the correct CSS technique for responsive images? A) Fixed dimensions B) max-width: 100% C) JavaScript resizing D) Multiple image files

**Question 15:** Which CSS framework is popular for responsive design? A) Responsive.css B) Bootstrap C) Mobile.css D) Adaptive.css

**Question 16:** What is the correct viewport meta tag for responsive design? A) HTML meta tag (not CSS) B) CSS viewport rule C) @viewport rule D) viewport() function

**Question 17:** Which CSS technique helps with responsive navigation? A) Fixed menus B) Collapsible/hamburger menus C) Horizontal scrolling D) Multiple navigation bars

**Question 18:** What is the correct CSS approach for responsive breakpoints? A) Fixed pixel values B) Content-based breakpoints C) Device-specific breakpoints D) Single breakpoint

**Question 19:** Which CSS property helps with responsive containers? A) container B) max-width with margin: auto C) responsive-width D) adaptive-container

**Question 20:** What is the correct CSS technique for responsive grids? A) Fixed grid systems B) Flexible grid systems (CSS Grid/Flexbox) C) Table-based layouts D) Absolute positioning

**SET 10**

**Question 1:** Which CSS preprocessor is most popular? A) Less B) Sass/SCSS C) Stylus D) PostCSS

**Question 2:** What is the correct file extension for Sass? A) .css B) .sass or .scss C) .less D) .styl

**Question 3:** Which CSS preprocessor feature allows nesting? A) Variables only B) Nested rules C) Mixins only D) Functions only

**Question 4:** What is the correct Sass syntax for variables? A) @variable B) $variable C) --variable D) var(variable)

**Question 5:** Which CSS preprocessor feature creates reusable code blocks? A) Variables B) Mixins C) Functions D) Imports

**Question 6:** What is the correct Sass syntax for mixins? A) @function B) @mixin C) @include D) @extend

**Question 7:** Which CSS preprocessor feature allows inheritance? A) @inherit B) @extend C) @include D) @import

**Question 8:** What is the correct CSS custom property syntax? A) @property B) --property C) $property D) var-property

**Question 9:** Which CSS function accesses custom properties? A) custom() B) var() C) property() D) get()

**Question 10:** What is the correct CSS calc() function usage? A) calc(100px + 20px) B) calc(100px + 20px) C) calculate(100px + 20px) D) compute(100px + 20px)

**Question 11:** Which CSS feature allows conditional styles? A) @if B) @supports C) @condition D) @when

**Question 12:** What is the correct CSS feature detection syntax? A) @feature B) @supports (property: value) C) @detect D) @check

**Question 13:** Which CSS rule imports external stylesheets? A) @link B) @import C) @include D) @external

**Question 14:** What is the correct CSS namespace syntax? A) @namespace B) @namespace C) @ns D) @space

**Question 15:** Which CSS rule defines document styles? A) @page B) @page C) @document D) @print

**Question 16:** What is the correct CSS counter syntax? A) counter() B) counter-reset and counter-increment C) count() D) number()

**Question 17:** Which CSS pseudo-class targets first child? A) :first B) :first-child C) :child-first D) :1st-child

**Question 18:** What is the correct CSS pseudo-class for last child? A) :last B) :last-child C) :child-last D) :end-child

**Question 19:** Which CSS pseudo-class targets nth child? A) :nth B) :nth-child() C) :child-nth() D) :n-child()

**Question 20:** What is the correct CSS pseudo-element for first line? A) :first-line B) ::first-line C) :line-first D) ::line-1

**SET 11**

**Question 1:** Which CSS property creates smooth transitions between states? A) smooth B) transition C) animate D) ease

**Question 2:** What is the correct CSS property for animation keyframes? A) @animation B) @keyframes C) @frames D) @steps

**Question 3:** Which CSS animation property controls playback speed? A) animation-speed B) animation-duration C) animation-tempo D) speed

**Question 4:** What is the correct CSS property for animation delay? A) animation-wait B) animation-delay C) delay D) animation-pause

**Question 5:** Which CSS animation property controls repetition? A) animation-repeat B) animation-iteration-count C) animation-loop D) repeat-count

**Question 6:** What is the correct CSS animation property for direction? A) animation-way B) animation-direction C) direction D) animation-flow

**Question 7:** Which CSS timing function creates linear animation? A) straight B) linear C) constant D) even

**Question 8:** What is the correct CSS timing function for ease-in? A) slow-start B) ease-in C) fade-in D) gradual

**Question 9:** Which CSS timing function provides ease-out? A) slow-end B) ease-out C) fade-out D) decelerate

**Question 10:** What is the correct CSS timing function for ease-in-out? A) smooth B) ease-in-out C) fade-in-out D) gradual-smooth

**Question 11:** Which CSS property controls animation play state? A) animation-state B) animation-play-state C) play-state D) animation-control

**Question 12:** What is the correct CSS value to pause animations? A) stop B) paused C) halt D) freeze

**Question 13:** Which CSS property defines what happens before/after animation? A) animation-state B) animation-fill-mode C) animation-end D) fill-mode

**Question 14:** What is the correct CSS animation fill-mode for maintaining end state? A) keep B) forwards C) maintain D) hold

**Question 15:** Which CSS property creates hover effects? A) :hover pseudo-class B) hover property C) mouse-over D) on-hover

**Question 16:** What is the correct CSS pseudo-class for focus states? A) :focused B) :focus C) :selected D) :active-focus

**Question 17:** Which CSS pseudo-class represents active states? A) :pressed B) :active C) :clicked D) :engaged

**Question 18:** What is the correct CSS pseudo-class for visited links? A) :seen B) :visited C) :clicked D) :used

**Question 19:** Which CSS property creates 3D transforms? A) transform-3d B) transform (with 3D functions) C) 3d-transform D) perspective-transform

**Question 20:** What is the correct CSS property for 3D perspective? A) 3d-view B) perspective C) depth D) z-perspective

**SET 12**

**Question 1:** Which CSS selector targets all elements? A) all B) \* C) everything D) universal

**Question 2:** What is the correct CSS selector for direct children? A) parent child B) parent > child C) parent + child D) parent ~ child

**Question 3:** Which CSS selector targets adjacent siblings? A) element + sibling B) element + sibling C) element > sibling D) element ~ sibling

**Question 4:** What is the correct CSS selector for general siblings? A) element + sibling B) element ~ sibling C) element > sibling D) element sibling

**Question 5:** Which CSS selector has the highest specificity? A) Element selector B) ID selector C) Class selector D) Inline styles

**Question 6:** What is the correct CSS specificity order (lowest to highest)? A) Element, Class, ID B) Element, Class, ID C) Class, Element, ID D) ID, Class, Element

**Question 7:** Which CSS combinator selects descendant elements? A) > (direct child) B) (space - descendant) C) + (adjacent) D) ~ (sibling)

**Question 8:** What is the correct CSS attribute selector syntax? A) element[attribute] B) element[attribute] C) element.attribute D) element#attribute

**Question 9:** Which CSS attribute selector matches exact values? A) [attr="value"] B) [attr="value"] C) [attr~="value"] D) [attr\*="value"]

**Question 10:** What is the correct CSS attribute selector for containing text? A) [attr~="value"] B) [attr\*="value"] C) [attr|="value"] D) [attr^="value"]

**Question 11:** Which CSS pseudo-class targets empty elements? A) :blank B) :empty C) :void D) :null

**Question 12:** What is the correct CSS pseudo-class for root element? A) :html B) :root C) :document D) :top

**Question 13:** Which CSS pseudo-class targets only child elements? A) :single B) :only-child C) :sole D) :unique

**Question 14:** What is the correct CSS pseudo-class for only element of its type? A) :only-type B) :only-of-type C) :single-type D) :unique-type

**Question 15:** Which CSS pseudo-class targets elements without children? A) :childless B) :empty C) :no-children D) :void

**Question 16:** What is the correct CSS pseudo-class for checking input states? A) :selected B) :checked C) :chosen D) :marked

**Question 17:** Which CSS pseudo-class targets disabled elements? A) :inactive B) :disabled C) :off D) :blocked

**Question 18:** What is the correct CSS pseudo-class for enabled elements? A) :active B) :enabled C) :on D) :available

**Question 19:** Which CSS pseudo-class targets required form elements? A) :mandatory B) :required C) :needed D) :must

**Question 20:** What is the correct CSS pseudo-class for optional form elements? A) :not-required B) :optional C) :choice D) :voluntary

**SET 13**

**Question 1:** Which CSS pseudo-element targets first letter? A) :first-letter B) ::first-letter C) :letter-1 D) ::letter-first

**Question 2:** What is the correct CSS pseudo-element for first line? A) :first-line B) ::first-line C) :line-1 D) ::line-first

**Question 3:** Which CSS pseudo-element inserts content before? A) :before B) ::before C) :insert-before D) ::pre

**Question 4:** What is the correct CSS pseudo-element for inserting content after? A) :after B) ::after C) :insert-after D) ::post

**Question 5:** Which CSS property is used with ::before and ::after? A) text B) content C) insert D) add

**Question 6:** What is the correct CSS pseudo-element for selection styling? A) :selected B) ::selection C) :highlight D) ::highlight

**Question 7:** Which CSS pseudo-element styles placeholder text? A) :placeholder B) ::placeholder C) :hint D) ::hint

**Question 8:** What is the correct CSS pseudo-element for input markers? A) :marker B) ::marker C) :bullet D) ::bullet

**Question 9:** Which CSS property controls list item markers? A) marker B) list-style-type C) bullet-style D) item-marker

**Question 10:** What is the correct CSS counter function? A) count() B) counter() C) number() D) sequence()

**Question 11:** Which CSS property resets counters? A) counter-start B) counter-reset C) counter-init D) reset-counter

**Question 12:** What is the correct CSS property for incrementing counters? A) counter-add B) counter-increment C) counter-step D) increment-counter

**Question 13:** Which CSS function displays counter values? A) show-counter() B) counter() C) display-counter() D) get-counter()

**Question 14:** What is the correct CSS property for generated content quotes? A) quotation B) quotes C) quote-style D) quotation-marks

**Question 15:** Which CSS property controls content generation? A) generate B) content C) insert D) create

**Question 16:** What is the correct CSS value for no content generation? A) empty B) none C) null D) void

**Question 17:** Which CSS property controls white space handling? A) space-handling B) white-space C) text-space D) space-control

**Question 18:** What is the correct CSS white-space value to prevent wrapping? A) no-wrap B) nowrap C) no-break D) single-line

**Question 19:** Which CSS property controls word breaking? A) word-wrap B) word-break C) text-break D) line-break

**Question 20:** What is the correct CSS property for overflow wrapping? A) wrap-overflow B) overflow-wrap C) text-overflow-wrap D) overflow-text

**SET 14**

**Question 1:** Which CSS framework provides utility-first styling? A) Bootstrap B) Tailwind CSS C) Foundation D) Bulma

**Question 2:** What is the correct CSS methodology for scalable architecture? A) OOCSS B) BEM C) SMACSS D) All of the above

**Question 3:** Which CSS naming convention uses block\_\_element--modifier? A) OOCSS B) BEM C) SMACSS D) ITCSS

**Question 4:** What is the correct CSS approach for component-based styling? A) Global styles B) Component-scoped styles C) Inline styles only D) No styling

**Question 5:** Which CSS feature helps with style encapsulation? A) Global styles B) CSS Modules C) Inline styles D) External stylesheets

**Question 6:** What is the correct CSS approach for critical rendering path? A) Load all CSS first B) Inline critical CSS, defer non-critical C) Use only external stylesheets D) Avoid CSS optimization

**Question 7:** Which CSS technique improves loading performance? A) Large stylesheets B) CSS minification and compression C) Inline all styles D) Multiple HTTP requests

**Question 8:** What is the correct CSS strategy for cross-browser compatibility? A) Use latest features only B) Progressive enhancement and vendor prefixes C) Target single browser D) Ignore older browsers

**Question 9:** Which CSS feature detection technique is recommended? A) User agent sniffing B) Feature queries (@supports) C) Browser detection D) JavaScript-only detection

**Question 10:** What is the correct CSS approach for accessibility? A) Ignore accessibility B) Semantic HTML and accessible CSS C) JavaScript-only solutions D) Visual design only

**Question 11:** Which CSS technique improves SEO? A) Hidden text B) Semantic markup with appropriate styling C) Keyword stuffing in CSS D) Invisible content

**Question 12:** What is the correct CSS approach for print styles? A) Same as screen styles B) @media print styles C) Separate print stylesheet D) No print considerations

**Question 13:** Which CSS technique handles user preferences? A) Fixed designs only B) @media (prefers-color-scheme) C) Ignore user preferences D) JavaScript-only solutions

**Question 14:** What is the correct CSS approach for internationalization? A) English-only designs B) Flexible layouts supporting different languages C) Fixed text layouts D) Image-based text

**Question 15:** Which CSS technique improves maintainability? A) Inline styles everywhere B) Organized, documented, modular CSS C) One large stylesheet D) Duplicate code

**Question 16:** What is the correct CSS approach for theming? A) Hardcoded colors B) CSS custom properties (variables) C) Separate stylesheets per theme D) JavaScript-only theming

**Question 17:** Which CSS technique handles component variants? A) Duplicate stylesheets B) Modifier classes or CSS variables C) Separate CSS files per variant D) JavaScript-only styling

**Question 18:** What is the correct CSS approach for responsive typography? A) Fixed font sizes B) Fluid typography with clamp() and viewport units C) JavaScript-only sizing D) Single font size

**Question 19:** Which CSS technique optimizes for Core Web Vitals? A) Ignore performance metrics B) Optimize for CLS, LCP, FID with CSS C) JavaScript-only optimizations D) No optimization needed

**Question 20:** What is the correct CSS approach for dark mode? A) Separate dark stylesheet B) CSS custom properties with prefers-color-scheme C) JavaScript-only theme switching D) No dark mode support

**SET 15**

**Question 1:** Which CSS Grid property creates explicit grid tracks? A) grid-tracks B) grid-template-columns / grid-template-rows C) grid-columns / grid-rows D) columns / rows

**Question 2:** What is the correct CSS Grid function for flexible tracks? A) flexible() B) fr C) flex() D) auto()

**Question 3:** Which CSS Grid function repeats track definitions? A) loop() B) repeat() C) cycle() D) multiple()

**Question 4:** What is the correct CSS Grid property for gap spacing? A) grid-spacing B) grid-gap or gap C) gutter D) grid-margin

**Question 5:** Which CSS Grid property places items in named areas? A) grid-place B) grid-area C) grid-position D) area

**Question 6:** What is the correct CSS Grid property for defining named areas? A) grid-areas B) grid-template-areas C) grid-layout D) template-areas

**Question 7:** Which CSS Grid property controls implicit track sizing? A) grid-implicit B) grid-auto-rows / grid-auto-columns C) auto-sizing D) implicit-size

**Question 8:** What is the correct CSS Grid property for item placement direction? A) grid-direction B) grid-auto-flow C) grid-flow D) placement-direction

**Question 9:** Which CSS Grid function fits content within constraints? A) fit() B) fit-content() C) size-fit() D) content-fit()

**Question 10:** What is the correct CSS Grid function for minimum/maximum sizing? A) min-max() B) minmax() C) size-range() D) flexible-size()

**Question 11:** Which CSS Grid property aligns the entire grid? A) grid-align B) justify-content / align-content C) grid-position D) grid-placement

**Question 12:** What is the correct CSS Grid property for aligning grid items? A) item-align B) justify-items / align-items C) grid-item-align D) item-position

**Question 13:** Which CSS Grid property aligns individual items? A) self-align B) justify-self / align-self C) item-self D) grid-self

**Question 14:** What is the correct CSS Grid shorthand property? A) grid-layout B) grid C) css-grid D) grid-template

**Question 15:** Which CSS Grid line naming syntax is correct? A) [line-name] B) [line-name] C) {line-name} D) (line-name)

**Question 16:** What is the correct CSS Grid subgrid feature? A) subgrid B) subgrid C) nested-grid D) child-grid

**Question 17:** Which CSS Grid property handles overflow? A) grid-overflow B) Standard overflow property C) grid-clip D) grid-hidden

**Question 18:** What is the correct CSS Grid approach for responsive design? A) Fixed grid only B) Combination of auto-fit, minmax(), and media queries C) JavaScript-only responsive grids D) Separate grids per breakpoint

**Question 19:** Which CSS Grid feature automatically places items? A) auto-place B) grid-auto-flow C) automatic-placement D) auto-grid

**Question 20:** What is the correct CSS Grid approach for centering content? A) Manual positioning B) place-items: center C) JavaScript centering D) Flexbox inside grid