Here's a set of 50 multiple-choice questions about CSS (Cascading Style Sheets) suitable for a

university exam:

1. What does CSS stand for?
   1. Computer Style Sheets
   2. Creative Style Sheets
   3. **Cascading Style Sheets**
   4. Content Style Sheets
2. Which HTML tag is used to link an external CSS file?
   1. <style>
   2. **<link>**
   3. <css>
   4. <script>
3. The 'Cascading' in CSS refers to:
   1. The way styles are applied from parent to child elements.
   2. The hierarchical nature of CSS selectors.
   3. The ability to cascade styles from one sheet to another.
   4. **The prioritization and inheritance of stylesheets.**
4. Which CSS property is used to change the color of text?
   1. text-color
   2. color
   3. **font-color**
   4. text-style
5. The 'box model' in CSS consists of which components?
   1. **Content, padding, margin, border**
   2. Padding, border, shadow, margin
   3. Content, border, margin, spacing
   4. Padding, border, background, margin
6. Which CSS property is used to control the spacing between lines of text?
   1. **line-height**
   2. text-spacing
   3. line-spacing
   4. spacing
7. The CSS property 'float' is used for:
   1. **Floating images to the left or right of text.**
   2. Adding space between elements.
   3. Applying transparency to elements.
   4. Aligning text within an element.
8. Which CSS selector targets an element based on its unique identifier?
   1. .class
   2. **#id**
   3. element
   4. \*
9. The CSS property 'position: relative;' allows an element to be positioned:
   1. **Relative to its normal position.**
   2. Relative to the viewport.
   3. Relative to the document body.
   4. Relative to the nearest positioned ancestor.
10. Which CSS property is used to create rounded corners on elements?
    1. **border-radius**
    2. corner-radius
    3. rounded-corners
    4. border-style
11. The CSS property 'overflow: hidden;' is used to:
    1. Hide text that overflows its container.
    2. Hide elements that overflow their container.
    3. **Hide the scrollbar if the content overflows its container.**
    4. Hide the content if the container is too small.
12. Which CSS property is used to change the background color of an element?
    1. **background-color**
    2. color
    3. background
    4. bg-color
13. The CSS property 'font-weight' is used to control the:
    1. Size of the font.
    2. Style of the font.
    3. **Thickness of the font.**
    4. Color of the font.
14. The CSS property 'text-decoration: underline;' is used to:
    1. **Add a line under the text.**
    2. Make the text bold.
    3. Align the text to the center.
    4. Change the color of the text.
15. The 'em' unit in CSS is based on:
    1. The width of the letter 'M'.
    2. **The font size of the element's parent.**
    3. The width of the viewport.
    4. The height of the element.
16. Which CSS property is used to control the space between letters in text?
    1. **letter-spacing**
    2. word-spacing
    3. text-spacing
    4. spacing
17. The CSS property 'z-index' is used to control:
    1. **The order of elements along the z-axis.**
    2. The order of elements in the HTML document.
    3. The size of elements relative to their parent.
    4. The alignment of elements within a container.
18. The CSS property 'opacity' is used to control:
    1. **The transparency of an element.**
    2. The rotation of an element.
    3. The size of an element.
    4. The position of an element.
19. Which CSS pseudo-class targets links that have been visited by the user?
    1. **:visited**
    2. :hover
    3. :active
    4. :link
20. The 'clearfix' technique in CSS is used to:
    1. **Clear floats and prevent container collapse.**
    2. Add transparency to elements.
    3. Apply styles to the last child of a container.
    4. Align text within a container.
21. The CSS property 'box-sizing' is used to control:
    1. **How the width and height of an element are calculated.**
    2. The visibility of an element.
    3. The position of an element.
    4. The order of elements in the document.
22. Which CSS property is used to apply a shadow effect to text?
    1. **text-shadow**
    2. shadow-effect
    3. text-effect
    4. font-shadow
23. The 'transition' property in CSS is used to:
    1. **Specify the duration and timing function of a transition effect.**
    2. Apply a transition effect to text.
    3. Create animated images.
    4. Add a shadow effect to elements.
24. The CSS property 'cursor' is used to control:
    1. **The shape of the mouse pointer when it hovers over an element.**
    2. The visibility of the mouse pointer.
    3. The behavior of the mouse click event.
    4. The scrolling behavior of elements.
25. The CSS property 'text-transform' is used to:
    1. **Transform text to uppercase, lowercase, or capitalize.**
    2. Transform text to a different font.
    3. Transform text to a different color.
    4. Transform text to a different size.
26. Which CSS unit is based on the font size of the root element?
    1. rem
    2. em
    3. px
    4. **%**
27. The CSS property 'line-height' is used to control:
    1. **The spacing between lines of text.**
    2. The width of an element.
    3. The thickness of a border.
    4. The space between words in a line of text.
28. Which CSS property is used to change the style of the border of an element?
    1. **border-style**
    2. border-color
    3. border-width
    4. border
29. The CSS property 'flexbox' is used for:
    1. **Creating flexible layouts with aligned and justified content.**
    2. Styling text.
    3. Adding rounded corners to elements.
    4. Controlling the position of elements.
30. The CSS property 'text-align' is used to:
    1. **Align text within an element.**
    2. Align elements within their container.
    3. Specify the direction of text flow.
    4. Control the size of text.
31. The CSS property 'background-image' is used to:
    1. Set the background color of an element.
    2. **Add an image as the background of an element.**
    3. Add a shadow effect to text.
    4. Apply a border to an element.
32. The CSS property 'transform' is used to:
    1. **Apply 2D or 3D transformations to elements.**
    2. Change the size of an element.
    3. Apply animations to elements.
    4. Control the position of elements.
33. The CSS property 'position: absolute;' positions an element:
    1. **Relative to its normal position in the document flow.**
    2. Relative to its parent element.
    3. Relative to the viewport.
    4. Relative to the nearest positioned ancestor.
34. Which CSS property is used to specify the font family for text?
    1. **font-family**
    2. font-style
    3. font-size
    4. font-weight
35. The 'rgba' color notation in CSS allows for:
    1. Specifying a color using hexadecimal values.
    2. Specifying a color using RGB values.
    3. Specifying a color using HSL values.
    4. **Specifying a color using RGB values with an alpha channel.**
36. The CSS property 'outline' is used to:
    1. **Add an outline around an element.**
    2. Add space between elements.
    3. Add a shadow effect to text.
    4. Change the font size of an element.
37. The CSS property 'overflow: auto;' is used to:
    1. Hide the overflow content of an element.
    2. **Show the overflow content of an element with a scrollbar.**
    3. Remove the overflow content of an element.
    4. Change the color of the overflow content.
38. Which CSS property is used to set the width of an element?
    1. **width**
    2. height
    3. size
    4. length
39. The 'pseudo-elements' in CSS are used to:
    1. **Style specific parts of an element.**
    2. Apply animations to elements.
    3. Add elements to the DOM.
    4. Create dynamic styles based on user interactions.
40. The 'viewport' in CSS refers to:
    1. **The visible area of a web page within the browser window.**
    2. The width of an element relative to its parent.
    3. The area outside the browser window.
    4. The area below the browser window.
41. Which CSS property is used to control the transparency of an element?
    1. transparency
    2. **opacity**
    3. visibility
    4. alpha
42. The CSS property 'box-shadow' is used to:
    1. **Add a shadow effect around an element.**
    2. Add a shadow effect to text.
    3. Apply a shadow effect to images.
    4. Create a border around an element.
43. The CSS property 'word-spacing' is used to control:
    1. **The spacing between words in a line of text.**
    2. The spacing between lines of text.
    3. The spacing between characters in a word.
    4. The spacing between paragraphs.
44. Which CSS property is used to specify the direction of flexible items in a flex container?
    1. **flex-direction**
    2. flex-wrap
    3. flex-flow
    4. align-items
45. The CSS property 'transition' is used to:
    1. **Apply a transition effect to an element.**
    2. Add a shadow effect to an element.
    3. Change the font size of an element.
    4. Position an element within its container.
46. Which CSS property is used to create a responsive layout for different screen sizes?
    1. **media-query**
    2. viewport
    3. responsive-layout
    4. flexbox
47. The CSS property 'visibility' is used to:
    1. **Control the visibility of an element.**
    2. Add a shadow effect to an element.
    3. Change the color of an element.
    4. Position an element within its container.
48. The CSS property 'clip-path' is used to:
    1. **Clip an element to a specified shape.**
    2. Position an element within its container.
    3. Change the opacity of an element.
    4. Add a shadow effect to an element.
49. Which CSS property is used to control the order of flexible items in a flex container?
    1. **order**
    2. flex-order
    3. item-order
    4. order-flex
50. The 'rem' unit in CSS stands for:
    1. Relative Em
    2. **Root Em**
    3. Responsive Em
    4. Repeated Em