🌐 **Web Development MCQs (Snippet Based)**

1.

What will be displayed in the browser?

<p>Hello World</p>

a) Hello World
<mark>b) Hello</mark>
c) World
d) Nothing

2.

Which HTML element is correct for linking an external stylesheet?

? rel="stylesheet" href="style.css">

<mark>a) <link></mark>
b) <style>
c) <script>
d) <meta>

3.

What is the output?

<h1>Title</h1>

<h2>Title</h2>

a) Both same size text
<mark>b) h1 larger than h2</mark>
c) h2 larger than h1
d) Error

4.

What is the background color of the paragraph?

<p style="background-color: rgba(255,0,0,0.5);">Hello</p>

a) Red transparent
b) Solid red
c) White
d) No color

5.

What will happen?

Click

a) Opens in same tab
b) Opens in new tab
c) Shows error
d) Opens in popup

6.

Which tag makes text italic?

? This is italic ?

a) <i> </i>
b)
c)
d) Both a & b

7.

What is the correct way to add inline CSS?

<p ?="color:red;">Hello</p>

a) css
b) style
c) font
d) inline

8.

What will this code display?

<img src="wrong.jpg" alt="Image not found">

a) Nothing
b) Broken image icon
c) Image not found
d) Error

9.

Which selector selects all <p> inside <div>?

? { color: blue; }

a) div + p
b) div > p
c) div p
d) p div

10.

What does this CSS rule do?

p:first-child { color: green; }

a) All p tags green
b) First p inside parent green
c) First line green
d) Error

11.

What is the margin of the box?

div { margin: 10px 20px; }

a) Top/Bottom 20, Left/Right 10
b) Top/Bottom 10, Left/Right 20
c) All 10
d) All 20

12.

What will be displayed?

<p><Hello></p>

a) <Hello>
b) Hello
c) Error
d) Nothing

13.

Which property makes text bold in CSS?
a) font-weight
b) text-style
c) bold
d) font-bold

14.

What does this do?

div { position: absolute; top: 10px; left: 20px; }

a) Relative positioning
b) Fixed in place
c) Moves div 10px down, 20px right
d) Stays at default

15.

What is the grid column span of the item?

.item { grid-column: 1 / span 2; }

a) 1 column
b) 2 columns
c) 3 columns
d) Error

16.

What happens here?

<input type="checkbox" checked>

a) Box unchecked
b) Box checked
c) Error
d) No display

17.

Which CSS rule applies hover effect?
a) a:hover
b) a:focus
c) a:active
d) a:visited

18.

What will flexbox do?

.container { display: flex; justify-content: space-between; }

a) All items overlap
b) Items spread evenly with space between
c) Items aligned left
d) Error

19.

Which CSS unit is relative to parent font size?
a) px
b) em
c) %
d) vh

20.

What is the output?

One

  Two

a) One Two
b) - One - Two
c) 1. One 2. Two
d) Error

21.

Which tag is semantic?
a) <div>
b) <section>
c) <span>
d) <b>

22.

What happens here?

<form>

  <input type="text" value="Hello">

</form>

a) Empty box
b) Box with Hello
c) Error
d) Placeholder Hello

23.

Which CSS makes animation?
a) @animation
b) @keyframes
c) transform
d) transition

24.

What does this do?

div { transform: rotate(45deg); }

a) Rotates text
b) Rotates div box 45 degrees
c) No effect
d) Error

25.

Which framework is CSS based?
a) Django
b) Flask
c) Bootstrap
d) React

26.

Which tag creates a table row?
a) <tr>
b) <td>
c) <th>
d) <table-row>

27.

What does z-index do?
a) Moves item left-right
b) Moves item front-back
c) Rotates item
d) No effect

28.

Which input type hides characters as you type?
a) text
b) password

c) hidden
d) secure

29.

What does this snippet show?

Go Down

a) Opens another page
b) Scrolls to section2
c) Error
d) Does nothing

30.

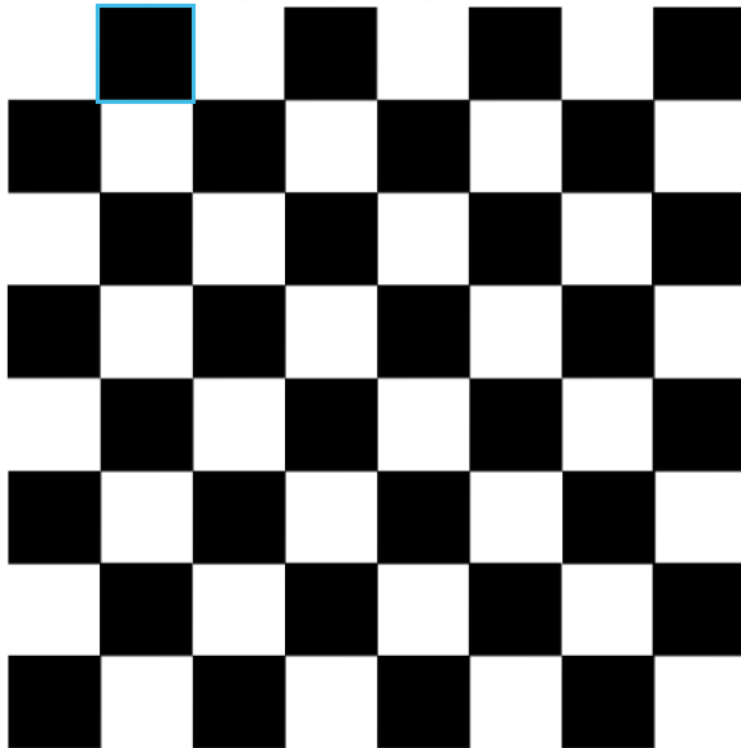**Which CSS property sets spacing between letters?**
a) word-spacing
b) letter-spacing
c) spacing
d) text-indent

1.Problem Statement:
Write a Java program to print a **chess board pattern** of size N x N.

- The board should alternate between B (Black) and W (White).

- The top-left corner should always start with B.

- Input: An integer N.

- Output: The N x N grid pattern.

2. **Question 2: Web Development (HTML + CSS)**

Problem Statement:
Create a **simple HTML page** with the following requirements:

1. The page should display a **navigation bar** with 3 links: **Home, About, Contact**.

2. The navigation bar should have a background color of **black** and text color of **white**.

3. When a user hovers over a link, the text color should change to **yellow**.

4. Below the navigation bar, display a heading: **"Welcome to My Website"** in the center of the page.

Expected Output (when rendered in browser):

- A black navigation bar with 3 white links aligned horizontally.

- On hover, links turn yellow.

- Heading displayed below in the center.