Q1/ What are the differences between the opacity property and alpha channel in rgba or hsla?

Ans/

opacity property : Affects the entire element and its contents, making everything inside it transparent or opaque.

Alpha channel in rgba or hsla : Controls the transparency of a specific color, allowing you to set the color's transparency independently.

Q2/What is the most effective method for setting CSS color properties?

Ans/

Hexadecimal color codes and CSS color names are the most effective ways to set CSS color properties.

Q3/

Ans/

```
<!DOCTYPE html>
<html>
<head>
 <style>
  #div1 {
    background: linear-gradient(#FF0000 0%, #FF6666 100%);
  }
  #div2 {
    background-image: url('someimg.jpg');
    background-repeat: repeat-x;
  }
  #div3 {
    background-image: url('someimg.jpg');
    background-position: right top;
    background-attachment: fixed;
```

```
    }
    #Box-model{
      width: 400px;
      margin: 10px;
      padding: 10px;
      border: 2px solid black;
      background: red;
    }
  </style>
</head>
<body>
    <div id="div1">
      <p>p1</p>
      <p>p2</p>
      <p>p3</p>
    </div>
    <div id="div2"></div>
    <div id="div3">
      <p id="Box-model">Text with a total element width of 400px</p>
    </div>
</body>
</html>
```