

## Input & Form (Q1–Q7)

1. What is the purpose of the <form> tag in HTML?

The <form> tag in HTML is used to collect user input by grouping various form elements such as text boxes, dropdowns, radio buttons, and submit buttons. It acts as a container and allows data to be submitted to a server.

2. Which attribute is used in the <form> tag to specify where to send the form data?

The action attribute in the <form> tag specifies where to send the form data once the user submits it.

3. How do you create a text input field in HTML?

```
<input type="text" name="username">
```

4. What is the use of the type="password" in an <input> tag?

The type="password" attribute in an <input> tag is used to create a password field where the typed characters are hidden for security purposes.

5. How do you create a submit button in a form?

```
<input type="submit" value="Submit">
```

6. Which HTML tag is used to group form controls together?

The <fieldset> tag groups related form elements, often with a <legend> for a caption.

7. Write the HTML code for a form that asks for name and age.

```
<form>
```

```
  Name: <input type="text" name="name"><br><br>
```

```
  Age: <input type="number" name="age"><br><br>
```

```
  <input type="submit" value="Submit">
```

```
</form>
```

## Header & Footer (Q8–Q11)

8. What is the purpose of the <header> tag?

The <header> tag is used to define the top section of a webpage or content section. It usually contains headings, logos, or navigation links.

9. What is the purpose of the <footer> tag?

The <footer> tag defines the bottom part of a webpage or content block. It typically contains information such as copyright, contact details, or site links.

10. Can we use <header> and <footer> multiple times on the same page? Why?

Yes, both <header> and <footer> can be used multiple times on the same page because they are allowed inside different sections or articles to define individual headers and footers for those content blocks.

11. Write an example of a basic webpage that includes <header> and <footer> sections.

```
<!DOCTYPE html>

<html>

<head>

  <title>RGA's Web Page</title>

</head>

<body>

  <header>

    <h1>Welcome to My Website</h1>

  </header>

  <footer>

    <p>&copy; 2025 RGA's Website</p>

  </footer>

</body>

</html>
```

### Dropdown & Select (Q12–Q17)

12. What is the HTML tag used to create a dropdown list?

```
<select>
```

13. How do you add options to a dropdown list in HTML?

By using <option> tags inside the <select> tag:

```
<select>
```

```
  <option>Option 1</option>
```

```
  <option>Option 2</option>
```

```
</select>
```

14. What does the selected attribute do in a <select> element?

The selected attribute in a <select> element marks a particular <option> as the default selected one when the page loads.

15. How do you allow users to select more than one option in a dropdown?

To allow users to select more than one option from a dropdown, you add the multiple attribute to the <select> tag.

16. How do you group related options inside a dropdown?

You can group related options inside a dropdown using the <optgroup> tag with a label attribute to describe the group.

17. Write an example of a dropdown list with 3 fruits.

```
<select name="fruits">
```

```
  <option>Apple</option>
```

```
  <option>Mango</option>
```

```
  <option>Cranberries</option>
```

```
</select>
```

### Disabled Select/Inputs (Q18–Q20)

18. What does the disabled attribute do in an `<input>` or `<select>` tag?

The disabled attribute in an `<input>` or `<select>` element makes the field non-editable and prevents users from interacting with it.

19. How do you make a dropdown menu where the first option is disabled?

```
<select>  
  <option disabled selected>Select a fruit</option>  
  <option>Apple</option>  
  <option>Mango</option>  
</select>
```

20. Write an input field for email that is disabled and has a default value.

```
<input type="email" value="user@example.com" disabled>
```