Q1. What is HTML?

\* HTML stands for “Hyper Text Markup Language”.

\* It is used For Create a web pages.

\*It is used to add Structure and content of the webpages.

Q2. What is the difference between HTML and HTML5?

\* HTML is a hypertext markup language.

. It have some low features like (non-semantic: it don’t have proper meaning)

For exmaples:<p></p>

<b></b>…..etc.

\* HTML5 is latest version

. It have updated features.

. It have semantic features. (semantic: it have proper meaning of that word)

. better performance.

. increase accessibility.

But, in HTML5 is not like that it have proper meaning of every tag(like semantic).

Examples:<section></section>

<header></header>…..etc.

Q3. What are semantic HTML elements?

\*Semantic elements is nothing but the “it have proper meaning for semantic elements”.

Examples:<section></section>

<header></header>

<footer></footer>…..etc.

Q4. What is the role of <!DOCTYPE html> in HTML?

\*

Q5. What is the difference between block-level and inline elements?

\*Block-level Element:

. block level element it can print Line-by-Line.

Ex: <!DOCTYPE html>

<Html>

<header>

<title>

</header>

<Body>

<p> hello</p>

<p> hello</p> it can print line by line.



<p> hello</p>

</Body>

</Html>

\*Inline Element:

. Inline element it can print same Line.

Ex: <!DOCTYPE html>

<Html>

<header>

<title>

</header>

<Body>

<p> hello</p>

<p> hello</p> it can print same line.



<p> hello</p>

</Body>

</Html>

Q6. How is <div> different from <span>?

\*<div> is a Block -level element.

\*<span> is a inline element.

Q7. What are the different types of lists in HTML?

\* Definition List

\* order List

\* unorder List

Q8. How do you create a hyperlink in HTML?

\*we can create hyper link by using anchor tag.

\* anchor tag indicated by “a”

\*syntax: <a href: ” # “>text</a>

Q9. What are Core components in HTML? Explain each component briefly?

\* tags: \* it provides Structure and content of the web pages.

\* tags are predefined keywords

Ex: <Html></Html>

<header></header>

<title></title>

<Body></Body>..etc.

\*Attributes: \* To add extra information to tags.

\* we can modify the inbuilt properties.

Ex:<img src= “ “ alt= “ “>..etc.



Attribute



\* Elements: \* Building block elements.

Q10. what are the concepts involved in multimedia?

\* Audio

\* Video

\* image ..

Q11. What are the different types of form elements in HTML?

\*text

\*password

\*input

\*checkbox

\*number, range,date,time….

Q12.What is CSS and what are its types?

\* Css stands for Cascading style sheets.

\* Css is used for styling purpose.

Types:

1.internal css

2.External css

3.inline css

Q13. What is the difference between class and id selectors in CSS?

Class: class is nothing but the we can define unlimited and duplicate classes.

Id: Id is nothing but the “ID is a unique values”.

Q14. What are the different ways to apply CSS to a web page?

\* In Html we can apply the by using Style tag. <style></style>

\* We can take External css with the extension of .css .

Q15.What is the Box Model in CSS?

\*Box model describes Structure and layout of the Html.

1.content

2.padding

3.margin

4.border

Q16. Explain about different types of positions in CSS?

1.static

2.absolute

3.relative

4.fixed

5.sticky

Q17. How does z-index work Sectionin CSS?

\* Z-index is a stacking order of overlapping elements.

Q18. What is the difference between visibility: hidden and display: none?

\*Visibility: hidden: It occupies the space and hidden.That element is not visible.

\*Display: none: It is remove from the document but, that place is no element occupie that place

Section 2

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Student Registration Form</title>

    <style>

        .forms {

            width: 700px;

            margin: 20px auto;

            background: white;

            padding: 30px;

            border-radius: 10px;

        }

        .form {

            display: flex;

            margin-bottom: 15px;

            align-items: center;

        }

        .form label {

            width: 200px;

            font-weight: bold;

        }

        .form input[type="text"],

        .form input[type="email"],

        .form input[type="password"],

        .form input[type="file"],

        .form textarea {

            flex: 1;

            padding: 8px;

        }

        .inline-inputs {

            display: flex;

            gap: 10px;

        }

        .inline-inputs input {

            flex: 1;

        }

        .form .gender,

        .form .department {

            display: flex;

            gap: 10px;

            flex-wrap: wrap;

        }

        input[type="submit"] {

            width: 100%;

            padding: 12px;

            background-color: #4CAF50;

            color: white;

            font-size: 18px;

            border: none;

            cursor: pointer;

            border-radius: 5px;

        }

        input[type="submit"]:hover {

            background-color: #45a049;

        }

        .dob-note {

            font-size: 12px;

            color: #555;

            margin-left: 10px;

        }

    </style>

</head>

<body>

<div class="forms" style="background-color: pink;">

    <h2 style="text-align:center;">Student Registration Form</h2>

    <form >

        <div class="form">

            <label>Roll no. :</label>

            <input type="text">

        </div>

        <div class="form">

            <label>Student name :</label>

            <div class="inline-inputs">

                <input type="text" placeholder="First Name">

                <input type="text" placeholder="Last Name">

            </div>

        </div>

        <div class="form">

            <label>Father's name :</label>

            <input type="text">

        </div>

        <div class="form">

            <label>Date of birth :</label>

            <div class="inline-inputs">

                <input type="text" placeholder="Day">

                <input type="text" placeholder="Month">

                <input type="text" placeholder="Year">

            </div>

        </div>

        <div class="form">

            <label></label>

            <span class="dob-note">(DD-MM-YYYY)</span>

        </div>

        <div class="form">

            <label>Mobile no. :</label>

            <div class="inline-inputs">

                <input type="text" value="+91" disabled>

                <input type="text" placeholder="Enter Number">

            </div>

        </div>

        <div class="form">

            <label>Email id :</label>

            <input type="email">

        </div>

        <div class="form">

            <label>Password :</label>

            <input type="password">

        </div>

        <div class="form">

            <label>Gender :</label>

            <div class="gender">

                <label><input type="radio" name="gender"> Male</label>

                <label><input type="radio" name="gender"> Female</label>

            </div>

        </div>

        <div class="form">

            <label>Department :</label>

            <div class="department">

                <label><input type="checkbox"> CSE</label>

                <label><input type="checkbox"> IT</label>

                <label><input type="checkbox"> ECE</label>

                <label><input type="checkbox"> Civil</label>

                <label><input type="checkbox"> Mech</label>

            </div>

        </div>

        <div class="form">

            <label>Course :</label>

            <input type="text" placeholder="Enter your course">

        </div>

        <div class="form">

            <label>Student photo :</label>

            <input type="file">

        </div>

        <div class="form">

            <label>City :</label>

            <input type="text">

        </div>

        <div class="form">

            <label>Address :</label>

            <textarea rows="3"></textarea>

        </div>

        <input type="submit" value="Register">

    </form>

</div>

</body>

</html>

Screenshot:

