(Q1)

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<title>Document</title>
</head>
<body style="background-color: rgb(248, 243, 243)">
<form>
<h1>Application Form</h1>
<label for="name">Name<sup>*:</sup></label>
<input type="text" /><br /><br />
<label for="father">Father's Name<sup>*</sup>: </label>
<input type="text" /><br /><br />
<label for="mother">Mother's Name<sup>*</sup>: </label>
<input type="text" /><br /><br />
<label for="DOB">Date Of Birth<sup>*</sup>: </label>
<input type="date" /><br /><br />
<label for="Gender">Gender<sup>*</sup>: </label>
<select>
<option value="" disabled selected>Choose Gender</option>
<option value="male" name="gender">Male</option>
<option value="female" name="gender">Female</option>
<option value="Others" name="gender">Others</option></select
><br /><br />
<label for="caste">Caste<sup>*</sup>: </label>
<select>
<option value="" disabled selected>Choose Caste</option>
<option value="General" name="caste">General</option>
<option value="OBC/SEBC" name="caste">OBC/SEBC</option>
<option value="ST/SC" name="caste">ST/SC</option></select
><br /><br />
<label for="add">Address<sup>*</sup>: </label><br />
<textarea name="Address" id="add"></textarea><br />
<label for="mobile">Mobile No<sup>*</sup>: </label>
<select>
<option value="" disabled selected>Country Code</option>
<option value="+91" name="caste">+91 (Ind)</option>
<option value="+1" name="caste">+1 (USA)</option>
<option value="+66" name="caste">+66 (TH)</option>
</select>
<input type="tel" name="mobile" />
<br />
<label for="img">Your Image:</label><br />
<img src="yourimage.png" alt="Your Image" height="150px" />
<br /><br /><label for="file">Choose file(s)to upload<sup>*</sup>:</label
><br />
<input type="file" name="file" /><br /><br />
<label for="t&c">Terms & Condition<sup>*</sup>:</label><br />
<input type="checkbox" name="t&c" />I am a student of iter college. <br />
<input type="checkbox" name="t&c" />I did my (10+2) by securing atleast
60%. <br /><br />
<input type="submit" />
<input type="reset" />
</form>
</body>
</html>
```

(Q2)

```
<!DOCTYPE html>
<html>
<head>
<title>Frameset Example</title>
</head>
<frameset rows="50%,50%">
<frame src="test.html">
<frame src="test1.html">
</frameset>
</html>
```

(Q3)

```
<!DOCTYPE html>
<html>
<head>
<title>Multi Frame Layout</title>
</head>
<frameset cols="25%,75%">
<frame src="test1.html">
<frameset rows="50%,50%">
<frame src="test.html">
<frame src="test2.html">
</frameset>
</frameset>
</html>
```

(Q4)
a4q4.html

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="a4q4.css">
<title>Three Types of CSS</title>
<style>
p {
color: green;
font-size: 20px;
text-align: center; }
</style>
</head>
<body>
<h1 style="color:blue; text-align:center;">This is an example of Inline CSS</h1>
<p>This paragraph is styled using Internal CSS.</p>
<h3 class="external-css">This paragraph is styled using External CSS.</h3>
</body>
</html>
```

a4q4.css
```
.external-css{
color: red;
text-align: center;
}
```

(Q5, Q6, Q7)
a4q5q6q7.html
Below is the HTML and CSS program used to demonstrate the Element Selector (Q5), Class Selector (Q6), and ID Selector (Q7).

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<link rel="stylesheet" href="a4q5q6q7.css">
<title>Element Selector</title> </head>
<body>
<h1>This is an element selector</h1>
<p class="class">This is a class selector</p>
<h4 id="idSelect">This is an id selector</h4>
</body>
</html>
```

a4q5q6q7.css
```css
h1{
color:green;
text-align:center; }
.class{
color:blue;
text-align:center; }
#idSelect{
color:brown;
text-align:center; }
```

(Q8)
a4q8.html
```html
<!DOCTYPE html>
<html>
<head>
<title>Internal CSS</title>
<style>
body {
background-color: lightyellow;
font-family: Arial, sans-serif; }
h1 {
color: darkblue;
text-align: center;
text-decoration: underline; }
p {
font-size: 18px;
color: darkgreen;
border: 2px solid black;
padding: 20px;
background-color: white; }
</style>
</head>
<body>
<h1>Internal CSS</h1>
<p>This is a simple webpage designed with Internal CSS. The style is defined inside the head
section.</p>
</body>
</html>
```

Name:_____   Regd. Number:_____

(Q9)

a4q9.html

```html
<!DOCTYPE html>
<html>
<head>
<title>External CSS</title>
<link rel="stylesheet" type="text/css" href="a4q9.css">
</head>
<body>
<h1>External CSS</h1>
<div class="content">
This webpage is styled using an External CSS file named style.css.
</div>
</body>
</html>
```

a4q9.css

```css
body {
background-color: lightblue;
}
h1 {
color: red;
text-align: center;
}
.content {
background-color: white;
padding: 15px;
border: 3px dashed blue;
font-size: 20px;
width: 50%;
margin: 0 auto;
}
```

(Q10)

a4q10.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>MCA Home Page - ITER, SOA</title>
<link rel="stylesheet" href="a4q10.css"></head><body>
<header>
<div class="logo">
<img src="Iter.svg" alt="ITER Logo"></div>
<div class="header-text">
<h2>--: Master of Computer Application :--</h2>
<p><i>Welcome to ITER, Siksha 'O' Anusandhan at Bhubaneswar</i></p>
</div>
<div class="logo">
<img src="SOA.jpg" alt="SOA Logo">
</div>
```

```
<nav>
<ul>
<li><a href="#">Home</a></li>
<li><a href="#">Admission</a></li>
<li class="dropdown-parent">
<a href="#">Academic</a>
<ul class="dropdown-menu">
<li><a href="#">BCA</a></li>
<li><a href="#">MCA</a></li>
</ul>
</li>
<li><a href="#">Placement</a></li>
<li><a href="#">Contact</a></li>
</ul>
</nav>
<div class="main-content">
<aside class="notice-box">
<h2>Notice</h2>
<ul>
<li><a>Holiday Time Extend</a></li>
<li><a>End-term exam notice</a></li>
<li><a>Mid-Term Result Published</a></li>
</ul>
</aside>
<main class="about-college">
<h2>About The College</h2>
<p>
Siksha 'O' Anusandhan (SOA), formerly Siksha 'O' Anusandhan University (SOA University), is a private
deemed university located at Bhubaneswar, Odisha, India. The university is composed of nine degree-
granting schools and colleges and has a student body of around 15,000. Many of SOA's programs are
nationally accredited, including engineering, medicine, pharmacy, business, nursing, biotechnology,
science, humanities, environment, nano technology, materials science, agriculture and law.
</p>
<p>
It was founded as Institute of Technical Education and Research (ITER) in 1996 at Bhubaneswar and it
received AICTE approval for B.Tech. Since its inception it was affiliated to Utkal University.
Subsequently, it was affiliated to Biju Patnaik University of Technology (BPUT) between 2002 and
2007. Rechristening to Siksha 'O' Anusandhan as a Deemed to be University by the UGC in 2007. The
Institute of Technical Education and Research (ITER), became a constituent institute of Siksha 'O'
Anusandhan University. SOA has been granted Category-II Graded Autonomy Status by University
Grants Commission in 2018.
</p>
<p>
Siksha 'O' Anusandhan (SOA), located in the city of Bhubaneswar, Odisha, India is presently one
amongst the leading higher education institutions in the country. It is a Deemed to be University
declared under Section 3 of the University Grants Commission Act, 1956, India.
</p>
</main>
</div>
<div class="login-bar">
<a href="#" class="login-button">Login / Register Here!</a>
</div>
```

Name:_____   Regd. Number:_____

```
<footer>
<div class="footer-left">
<p>file:///C:/Users/subas/...</p>
</div>
<div class="footer-right">
<p>All Rights Reserved [MCA FSWD1 Lab, ITER]</p>
<p>Created by a MCA Student & Cared by Mrs. Sampa Chaupatnaik</p>
</div>
</footer>
</body>
</html>
```

a4q10.css
```
* {
margin: 0;
padding: 0;
box-sizing: border-box;
}
body {
font-family: 'Times New Roman', Times, serif;
background-color: #f4f4f4;
}
header {
display: flex;
justify-content: space-between;
align-items: center;
padding: 10px 20px;
background-color: #290505;
border-bottom: 2px solid #ccc; }
header .logo img {
height: 60px; }
.header-text {
text-align: center; }
.header-text h2 {
color: #ffffff;
font-size: 1.5em; }
.header-text p {
color: #00ff15;
font-size: 1.1em;v}
nav {
background-color: #CC0000; }
nav ul {
list-style: none;
display: flex;
justify-content: flex-start;}
nav ul li {
position: relative; }
nav ul li a {
display: block;
padding: 15px 20px;
color: white;
text-decoration: none;
font-weight: bold;
font-size: 1.1em; }
nav ul li:hover > a {
background-color: #a00000;}
```

```css
.dropdown-menu {
display: none;
position: absolute;
top: 100%;
left: 0;
background-color: white;
border: 1px solid #ccc;
box-shadow: 0 2px 5px rgba(0,0,0,0.1);
min-width: 150px;
display: none;
flex-direction: column;
padding-left: 0; }
.dropdown-menu li {
width: 100%; }
.dropdown-menu li a {
color: black;
padding: 12px 20px; }
.dropdown-menu li a:hover {
background-color: #f0f0f0; }
li.dropdown-parent:hover .dropdown-menu {
display: block; }
.main-content {
display: flex;
padding: 20px;
background-color: #ffffff; }
.notice-box h2 {
padding-bottom: 5px;
border-bottom: 2px solid #f70000;
margin-bottom: 15px; }
.notice-box ul {
list-style-position: inside;
padding: 20px;
list-style-type: disc; }
.about-college {
flex: 3; }
.about-college h2 {
padding-bottom: 5px;
border-bottom: 2px solid #f70000;
margin-bottom: 15px; }
.about-college p {
text-align: justify;
line-height: 1.6;
margin-bottom: 15px;
color: #333; }
.login-bar {
background-color: #ffffcc;
padding: 15px;
text-align: center;
border-top: 1px solid #ddd; }
.login-button {
background-color: #e0e0e0;
border: 1px solid #aaa;
border-radius: 5px;
padding: 10px 25px;
text-decoration: none;
color: black;
font-weight: bold;
font-size: 1.1em;
}
```

```css
.login-button:hover {
background-color: #d0d0d0;
}
footer {
display: flex;
justify-content: space-between;
align-items: center;
padding: 10px 20px;
background-color: #ffffcc;
border-top: 1px solid #ddd;
color: #555;
font-size: 0.8em;
}
.footer-right {
text-align: right;
}
```