Web Design Exam paper

Here are the **answers to the questions on the first page** of your Web Design and Development final exam paper:

**Q1. Write HTML code to:**

**A. Initiate a text message (SMS) to 888-555-5555:**

<a href="sms:8885555555">Text 888-555-5555</a>

**B. Initiate a phone call to 888-555-5555:**

<a href="tel:8885555555">Call 888-555-5555</a>

**C. Initiate an email to** [**hr@skylineuniversity.ac.ae**](mailto:hr@skylineuniversity.ac.ae)**:**

<a href="mailto:hr@skylineuniversity.ac.ae">Contact us</a>

**Q2. Write HTML code to create clickable rectangle area on an image:**

**Using coordinates and linking to the given URL:**

<img src="imagemap.png" usemap="#map">

<map name="map">

<area shape="rect" coords="175,242,420,358" href="https://www.skylineuniversity.ac.ae" alt="Skyline University">

</map>

**Q3. Using HTML and embedded CSS, write code to create the table:**

**Table (with background color #cccccc):**

<!DOCTYPE html>

<html>

<head>

<style>

table {

background-color: #cccccc;

border-collapse: collapse;

}

th, td {

border: 1px solid black;

padding: 8px;

}

th {

text-align: left;

}

</style>

</head>

<body>

<table>

<tr>

<th colspan="2">Staff Information</th>

</tr>

<tr>

<td>Name</td>

<td>Ahrnad</td>

</tr>

<tr>

<td>Phone</td>

<td>555-1234<br>555-8745</td>

</tr>

<tr>

<td>Address</td>

<td>Sharjah- UAE<br>Dubai-Merdif</td>

</tr>

</table>

</body>

</html>

Let me know if you want the answers from **Page 2** as well.

Here are the \*\*answers to the questions on Page 2\*\* of your Web Design and Development final exam:

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### \*\*Q4. Use HTML and embedded CSS to design two linked pages (Home & Contact):\*\*

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Skyline University</title>

    <style>

        body {

            margin: 0;

            padding: 0;

            font-family: Arial, sans-serif;

        }

        #container {

            width: 100%;

            height: 100vh;

            display: flex;

            flex-direction: column;

        }

        #header {

            background-color: #f0f0f0;

            padding: 10px;

            text-align: left;

            border-bottom: 1px solid #ccc;

        }

        #logo {

            height: 60px;

            width: 400px; */\* Increased width \*/*

        }

        #content-area {

            display: flex;

            flex: 1;

        }

        #navigation {

            width: 200px;

            background-color: #e0e0e0;

            padding: 20px;

            border-right: 1px solid #ccc;

        }

        #navigation ul {

            list-style-type: none;

            padding: 0;

            margin: 0;

        }

        #navigation li {

            margin-bottom: 10px;

        }

        #navigation a {

            text-decoration: none;

            color: #333;

            font-weight: bold;

        }

        #navigation a:hover {

            color: #666;

        }

        #main-content {

            flex: 1;

            padding: 20px;

            background-color: #f8f8f8;

        }

        #right-sidebar {

            width: 150px;

            background-color: #e0e0e0;

            padding: 20px;

            border-left: 1px solid #ccc;

        }

        .content-frame {

            border: none;

            width: 100%;

            height: 100%;

        }

        footer {

            background-color: #e0e0e0;

            padding: 5px;

            text-align: center;

            font-size: 12px;

            color: #666;

        }

    </style>

</head>

<body>

    <div id="container">

        <div id="header">

            <img id="logo" src="/placeholder.svg?height=60&width=300" alt="SCHOOL OF COMPUTING">

        </div>

        <div id="content-area">

            <div id="navigation">

                <ul>

                    <li><a href="https://skylineuniversity.ac.ae/" target="contentFrame">HOME</a></li>

                    <li><a href="https://skylineuniversity.ac.ae/school-of-computing" target="contentFrame">School of Computing</a></li>

                    <li><a href="https://skylineuniversity.ac.ae/school-of-business" target="contentFrame">School of Business</a></li>

                </ul>

            </div>

            <div id="main-content">

                <iframe name="contentFrame" class="content-frame" src="about:blank"></iframe>

            </div>

            <div id="right-sidebar">

*<!-- Right sidebar content -->*

            </div>

        </div>

        <footer>

            © Skyline University 2025

        </footer>

    </div>

</body>

</html>

### \*\*Q5. Registration form with gender, hobbies, styling, and JavaScript\*\*

#### \*\*A. HTML for the Registration Form:\*\*

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Registration Form</title>

<style>

body {

font-family: Arial, sans-serif;

padding: 20px;

}

form {

width: 300px;

}

label {

display: block;

margin-top: 10px;

}

input[type="text"],

input[type="email"],

textarea {

width: 250px;

margin-bottom: 10px;

padding: 10px;

}

input[type="submit"],

input[type="reset"] {

padding: 10px;

margin-top: 10px;

margin-right: 10px;

}

</style>

</head>

<body>

<h2>Registration Form</h2>

<form onsubmit="return handleSubmit()">

<label for="name">Name:</label>

<input type="text" id="name" required>

<label for="email">Email:</label>

<input type="email" id="email" required>

<label>Gender:</label>

<input type="radio" name="gender" value="Male" required> Male

<input type="radio" name="gender" value="Female"> Female

<label>Hobbies:</label>

<input type="checkbox" name="hobby" value="Cricket"> Cricket

<input type="checkbox" name="hobby" value="Football"> Football

<input type="checkbox" name="hobby" value="Basketball"> Basketball

<label for="address">Address:</label>

<textarea id="address" rows="4" required></textarea>

<br>

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

<input type="reset" value="Reset">

</form>

<script>

function handleSubmit() {

alert("Your information was received successfully");

return false; // prevent actual form submission

}

</script>

</body>

</html>