**Masroor International Technical College, Ilaro**

**Department of Software Engineering/ Web Design**

**1hr.30mins**

**Practical Questions**

1. **HTML Practical**: Create a webpage that contains a heading, a paragraph of text, a link to another website, and an image.
2. **HTML Practical**: Build a simple HTML form with fields for the user's name, email, radio button, checkbox, and a submit button.
3. **HTML Practical**: Design a table with three rows and four columns that contains some sample data.
4. **HTML Practical**: Use the <marquee> tag to create a scrolling text effect that displays a message on your webpage.
5. **HTML Practical**: Create a webpage where the heading has a red color, the paragraph text is centered, and the background color is light blue.
6. **HTML Practical**: Add an image to your webpage and set its width to 300px and height to auto.
7. **HTML Practical**: Create a navigation bar using links styled with CSS. Each link should change color when hovered over.
8. **HTML Practical**: Use HTML to create a list (ordered or unordered)
9. **HTML Practical**: Add a footer to your webpage with contact information, including an email link and a phone number.
10. **HTML Practical**: Add a video element to your webpage.
11. **Git:** Push all your practical questions to git and share the github link with your instructors

**10 Theory Questions on HTML and CSS:**

1. **Explain the difference between semantic and non-semantic HTML tags with examples**
2. **What happens when you apply display: block to an inline element?**
3. **What is the difference between block-level and inline-level elements in HTML?**
4. **HTML Theory**: What is the purpose of the alt attribute in an <img> tag? Why is it important for accessibility?
5. **CSS Theory**: What is the box model in CSS? Describe the components of the box model.
6. **CSS Theory**: What is the difference between padding and margin in the CSS box model?
7. **HTML Theory**: Explain the role of the <label> tag in form elements. Why is it considered a semantic tag?
8. **HTML Theory**: What is the difference between the <ol> and <ul> tags in HTML?
9. **HTML Theory**: Explain the purpose of the <!DOCTYPE html> declaration.
10. **HTML Theory**: What is the difference between href and src attributes in HTML?
11. What is **Git**?
12. Explain briefly the functions of the following git commands:
    * Fetch
    * Clone
    * Push
    * Checkout
    * Commit
13. What is Github? Explain its benefits.
14. Write out the git commands to commit, clone.