**Web Site Building with CSS**

**Mid Term Exam**

1. Please explain the difference of display: inline, display: inline-block and display: block. (2/20)

Inline: show the content in a line, like a text structure;

Inline-block: put the content in blocks and organize these blocks in line.

Block: put the content in blocks and organize these blocks vertically.

1. Please explain the difference of position: relative, position: absolute, position: fixed. (2/20)

Absolute: the element is positioned relative to his first positioned ancestor, in general will fix the element on left up.

Fixed: element positioned relative to the browser window, and as the name says, it’s fixed.

Relative: Element is positioned relative to itself using the left up position as the initial point until you gave new coordinates.

1. Create one page website that is using CSS for styles. You need to know all the CSS, HTML, or JS code in your files. (Don’t forget css file in “css” folder and images in “images” folder).(16/20)

* Your web pages should be responsive (You can use the file or files you created for Quiz1 if you want). Use viewport and @media methods. Also, you need to use position: relative, position: absolute, and position: fixed at least once.
* Please align all the elements properly when the screen size (desktop, tablets and smart phones) changes.
* The navigation menu should have roll over buttons.
* Use color theme and google fonts on your web page.
* Use overflow: hidden in a article.
* Use background property with fixed value for your background of your web-site