

CS472 WAP First Week Exam

Preparation Guide

**Saturday 28 May, Dalby Hall – 10:00 AM,
*be there 5 minutes ahead of time to allow seats allocation.***

**You should be able to finish the exam and answer all questions in 100 minutes,
although 150 minutes are granted.**

This exam is graded out of 100 points, it is contributing 15% of your final grade.

The exam will be divided into nine sections as the following:

1. Internet questions – 10 points
2. HTML questions – 10 points
3. CSS questions – 20 points
 - a. Understand all CSS Selectors and properties
4. Layout questions – 30 points
 - a. Positioning your layout (static, absolute, relative, fixed)
 - b. Display (inline, block, inline-block, none)
 - c. Floating and how we implement it (left, right)
 - d. Position layouts and Floating layouts
 - e. CSS hacks to fix layout
5. Regular expression questions – 30 points
 - a. Solving 3 HTML pattern problems (writing regex code)

There will be no cheat sheet allowed for this exam. You must be able to memorize all the code by now.

Answers should be written with a Pen or Pencil, but if you want to use a pencil please bring your own eraser and sharpener.

All mobile phones should be turned off and submitted along with your luggage at the beginning of the exam.

Please get ready and use the washroom before the exam as **no one** will be allowed to leave the exam room before turning in their papers.

There is no tolerance policy for exams. Despite the fact that our quizzes are solved in a friendly atmosphere, exams are not. Once you are caught cheating or trying to cheat, you will be asked to leave the exam room immediately without a warning.

Be a professional and show up on time.

Possible question types:

- Explain the basics of the request and response along with all the protocols and layers of the Internet (WWW, HTTP, TCP, IP, Ports, DNS, Error codes.. etc).
- Explain all HTML tags and attributes of HTML5 and how to write a valid code.
- Understand all CSS selectors, child selectors, grouping, classes and IDs, pseudo elements and classes, Inheritance.
- Understand the Box Model.
- Understand the difference and similarities between block and inline element.
- Understand the margin merge trick between floated elements.
- Understand CSS floating and how they work on block elements.
- Understand all the CSS tricks to overcome the problems we face when floating.
- Understand CSS position property.
- Be able to build a layout from scratch.
- Understand the usage of display and visibility CSS properties.
- Understand the CSS way of building a photo gallery.
- Be able to build a valid HTML5 navigation from unordered list using CSS.
- Understand the difference between relative and absolute path.
- Be able to build a valid HTML5 Form and understand the difference between POST and GET.
- Be able to write validation rules in HTML5 forms using Regular Expressions.

Please write your answers with **clear hand writing** and **clear English language**. If I don't understand your hand writing, you might receive the big o notation.

Study well and good luck.