acadEMy Front End midterm

Estimated completion time: 60min. Each valid answer = 5p.

♯1 The best encoding format for front end artefacts (files, data, etc) is:
a) Windows-1252   c) UTF-16
b) UTF-8   d) ASCII

♯2 `<meta name="Robots" content="index, nofollow" />` accomplishes:
a) finding the content of the page on Google   c) a + b
b) finding the content of page's links on Google   d) none of the above

♯3 `<meta name="viewport" content="initial-scale=1" />` accomplishes:
a) mobile browser keeps accurate resolution   c) you can zoom once in or out
b) mobile browser gets scaled once   d) none of the above

♯4 What CSS techniques aid in defining styles for a "responsive" design?
a) responsive images   c) media queries
b) meta viewport   d) style switchers

♯5 Microformats are great for:
a) adding semantic value to a web page   c) a + b
b) telling crawlers what type of content you have   d) none of the above

♯6 Choose the item in which only correct EveryMatrix CSS standards are listed:
a) use !important rules, use exact rules more   c) use 1-5 selectors, use one line per element
b) use classes & ids, name classes semantically   d) mobile rules first, content-driven MQs

♯7 The <article> element is semantically used for containing:
a) article titles   c) any self-contained compositions
b) full articles   d) blog posts and comments

♯8 If you want to create a new feature for a project you don't have in SourceTree yet, you:
a) create a branch, push it to Master   c) pull, branch, commit&push, pull request
b) pull from Master, create a branch and push it   d) pull, branch, commit&push, merge

♯9 The style for a large, variable width, horizontally scrollable area with games is:
a) display block & float left   c) display block & position relative
b) display inline-block   d) display inline-block & white-space nowrap

♯10 The best way to write mobile-first styles is:
a) media queries for desktop + mobile styles   c) desktop styles + media queries for mobile
b) media queries for mobile + desktop styles   d) mobile styles + media queries for desktop

‡**11**   What are the most important limitations in the design of mobile apps and sites?

‡**12**   What is the difference between a DIV and a SPAN? What is the similarity?

‡**13**   What is the difference between a button and a link from a coding perspective? What about from a user's perspective, both in terms of functionality and of design?

‡**14**   How would you rewrite this form in order for it to become valid XHTML1.0 and WCAG2.0?

```
<form action="index.php">
        <input type="text" name="s" id="s" value="s" />
        <button type="submit">
                <strong>Search &raquo</strong>
        </button>
</form>
```

‡**15**   What are the best ways to achieve maximum performance in CSS3 animations?

‡**16**   Which iconfont embedding method generates the fewest server requests and why?

‡**17**   Calculate & explain the specificity of the following CSS selector:
`body #footer-big.HomePage a.Button.Next:hover {}`

‡**18**   What is the approximate order in which the browser loads and renders resources and elements in a standard page?

‡**19**   Write a short HTML snippet to present the main (top) content of a Facebook profile page. Exclude navigation menus, focus only on the cover picture, profile picture, details and 1 wall post.

‡**20**   Write a short CSS snippet to style a navigation menu with dropdowns activated on hover.

‡ **Thank you!**