2. GAC011 Computing II: Web Development

Starter Quiz ·

GAC Computing Name: _____ Score: _____

1. What should a useful early wireframe make easy to discuss?
   - ☐ An unchangeable design
   - ☐ Only the final colour palette
   - ☐ Page structure and realistic labels
   - ☐ Only the file size

2. Why use a real heading element for a page heading?
   - ☐ It stops screen readers from reading the text more than once per page
   - ☐ It expresses heading meaning as well as providing default presentation
   - ☐ It makes search engines rank the page first for the words in the heading
   - ☐ It makes the text larger and bold without the need for any CSS rules

3. A padded card should fill its container up to 400 px including its borders. Which rule set best fits?
   - ☐ box-sizing: border-box; width: 100%; min-width: 400px
   - ☐ box-sizing: border-box; width: 400px; min-width: 100%
   - ☐ box-sizing: content-box; width: 100%; max-width: 400px
   - ☐ box-sizing: border-box; width: 100%; max-width: 400px

4. What does the DOM represent?
   - ☐ A copy of the page's CSS rules that code can read
   - ☐ Document nodes that code can query and change
   - ☐ A picture of the screen that code can draw onto
   - ☐ The server program that sends the page to the browser

5. Which approach gives useful evidence about mobile behaviour?
   - ☐ Use narrow views during development and test a real phone when available
   - ☐ Use a phone emulator only, since real phones give the same results
   - ☐ Shrink the desktop browser window once and check that nothing overlaps
   - ☐ Ask one friend with a phone whether the site looks fine on theirs

6. Changing one feature proves that feature caused the difference, even when the audience and time also differ.

   ☐ True ☐ False

7. Giving every item equal strong emphasis always creates a clear hierarchy.

   ☐ True ☐ False

8. Which attribute gives an anchor its navigation destination?

   _____

9. !important is part of CSS cascade rules, but should not be used as an unexplained patch.

   ☐ True ☐ False

10. Which method registers an event handler on an element?

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1. **Page structure and realistic labels**

   A wireframe tests organisation; realistic labels help a participant understand the proposed route.

2. **It expresses heading meaning as well as providing default presentation**

   A heading describes document structure. Appearance can then be controlled with CSS.

3. **box-sizing: border-box; width: 100%; max-width: 400px**

   border-box includes padding and borders in the declared width. Parent layout and content still need testing.

4. **Document nodes that code can query and change**

   Nodes become available as the document is parsed; a query cannot find a target that has not yet been parsed.

5. **Use narrow views during development and test a real phone when available**

   Resizing helps test layout; a real device adds evidence about touch and device-specific behaviour.

6. **False**

   Other conditions can explain the difference. A single changed feature helps interpretation but is not proof of causation.

7. **False**

   Hierarchy communicates priority and relationships. Equal emphasis can make the important action hard to find.

8. **href**

   An anchor such as How to join uses href.

9. **True**

   Importance affects precedence. Inspect the conflict and use it deliberately rather than claiming it breaks CSS.

10. **addEventListener**

    addEventListener registers a callback for an event such as click.