

# Seminar 9 for Lecture 8

March 25, 2015

## 1 Question 1:

Which is the role of personas in the accessibility studies?

- a) *They provide laws, regulations and guidelines for programmers to follow.*
- b) *They give a realistic view of the people we design for.*
- c) *They are the main stakeholders for any software being developed.*
- d) *They test that the software has all quality certifications in place.*

**Answer:** b. They give a realistic view of the people we design for.

Comments:

## 2 Question 2:

Which of the following assistive technologies is mainly used by blind users?

- a) *Screen reader.*

- b) *Split keyboard.*
- c) *Communication access real-time translation.*
- d) *Text configuration tools and settings.*

**Answer: a.** Screen reader. Note: Braille display/terminal could also be useful to blind people.

Comments:

### 3 Question 3:

Which of the following are the four principles of accessible web-content?

- a) *Security, interoperability, accuracy, maintainability.*
- b) *High-contrast, high-performance, responsiveness, accuracy.*
- c) *Easy to remember, easy to like, easy to modify, easy to maintain.*
- d) *Perceivable, operable, understandable, robust.*

**Answer: d** Ref. recommendations in Web Content Accessibility Guidelines (WCAG) 2.0: «At the top are four principles that provide the foundation for web accessibility»

Comments:

## 4 Question 4:

What does it mean that a user interface is operable?

- I) *All functionality is available from a keyboard.*
- II) *All user interface is navigable with a keyboard.*
- III) *All functionality can be operated by the same person.*

**Answer: a: I and II** Ref. p. 25, Lecture 8: Operable - User interface components and navigation must be operable.

Comments:

## 5 Question 5: Open-end question

Compare the keyboard accessibility for the following websites: [www.google.com](http://www.google.com); [www.bing.com](http://www.bing.com)

Comments:

## 6 Question 6: Open-end question

Which do you think it's the easiest to forget about?

- Non-English speaker
- Deaf-mute
- Blind
- ARMG (age-related macular degeneration)

Wolfram-Alpha query 'English total number of speakers' 760 millions  
(guesstimate)

[http://en.wikipedia.org/wiki/Languages\\_used\\_on\\_the\\_Internet](http://en.wikipedia.org/wiki/Languages_used_on_the_Internet): Top  
10 million websites, 55 pst in English

Estimates of number of Internet users by language as of 31 May 2011: No 1:  
27 pst English, No 2: 25 pst Chinese, No 3: 8 pst Spanish, ..., 11-36: 17 pst  
others

Comments: