

Question 1 (Present your answers using PowerPoint slides)

- (a) Explain how usability measurements can be beneficial to both developers and customers.
- (b) What are the ways of measuring software usability?
- (c) Suggest suitable way(s) to measure the usability of your HCI assignment's prototype. Justify your choice(s).

Question 2 (Present your answers using PowerPoint slides)

- (a) What are the benefits of making the working environment ergonomically correct?
- (b) Describe the negative impact to workers as a result of a poorly designed working environment while at the same time they have to use a computer over a long period of time.
- (c) Using your favourite browser search for "Google Office". Create about 10-20 slides to illustrate the working environments in Google.Com. Include also some photos of working environments in 3 other companies for comparison purposes (one of them must be own your place of study). Explain your answer.

Question 3 (Present your answers using PowerPoint slides)

- (a) The followings are important factors that need to be taken into account in order to create an ideal/wholesome working environment.
 - Proper desks and chairs
 - Adequate lighting
 - Low noise level
 - Temperature (15°C to 22°C)

Give reason(s) why each of the above factor is important to the office workers.

- (b) Give one example (**own example**) of an incorrect sitting posture. Explain your answer.
 - (c) Give one example (**own example**) of a correct sitting posture. Explain your answer.
- Note: For Q3(b) and Q3(c), search the Internet/textbook for the required answers.*

Additional questions (on your own, i.e. questions below will not be discussed during tutorial)**Question 1**

(a) Do you agree that the introduction of computers can cause some of the followings?

- Stress and anxiety - Fear of unemployment - Loss of responsibility - Inadequacy - Lack of privacy - Alienation
- System failures - Deterioration of self image

(b) Discuss how the above problems can be mitigated.

Question 2

What is RSI and why is it an increasing problem for the computer users?

Question 3

You have been requested to produce a leaflet to show what a good typing posture looks like. Sketch a first version of this leaflet with textual explanation indicating what a good posture should look like

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