

Question 1

A common form of interaction is through the use of menus. Discuss this form of interaction in terms of:

- (a) General advantages and disadvantages of menus (give 2 advantages and 2 disadvantages of menus)
- (b) List all the ways of ordering/organising menu items. For each way give an example (**own example**) to support your answer.
- (c) Do some research to find out other possible ways/choices of ordering menu items. List out those ways/choices not covered in the lecture. Explain your answer.

Question 2 (*Present your answers using PowerPoint slides*)

- (a) Linda is a new programmer working with you in a software development company. She requested assistance from you to give her some advice on how to design an effective form. Write 5 design guidelines for fill-in form that you think might help her. Explain your answer.
- (b) Find a fill-in form (onscreen or paper fill-in form) which you think is well designed and another one which you think is poorly designed. Share with the class both forms during tutorial. Explain your answer.

Question 3

Based on what you have learned in HCI, design a new *examination attendance slip* to replace the existing one. The examination attendance slip must contain the following fields:

Seat no, Index no (in words), Index no (in figures), Paper examined (as printed on the exam paper), Date of examination, Time of examination, Signature.

Show how it would appear on paper and briefly explain the rationale of your design.

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

“Mobile devices required different menu design”

Comment on the above statement. Discuss some of the interaction styles and highlight some design considerations of menu design on mobile devices.