CS1Q Exam

1.

a)   Please provide BRIEF answers to the following questions:

i) Give two reasons why expert users may not prove to be a good source of information about the requirements for an interactive system.

ii) Explain the differences between immersive and desktop virtual reality.

iii) When would you use a sans serif font?

iv) What are 'think aloud' evaluation techniques?

v) Why might sighted users also benefit if designers consider the needs of blind users in the development of a web site.

[2 marks per answer, 10 marks in total]

[Continued]

b) The following screen-shot is taken from the Microsoft XP operating system.   As can be seen, it helps users to search for files on their computer, in this case the C hard drive.
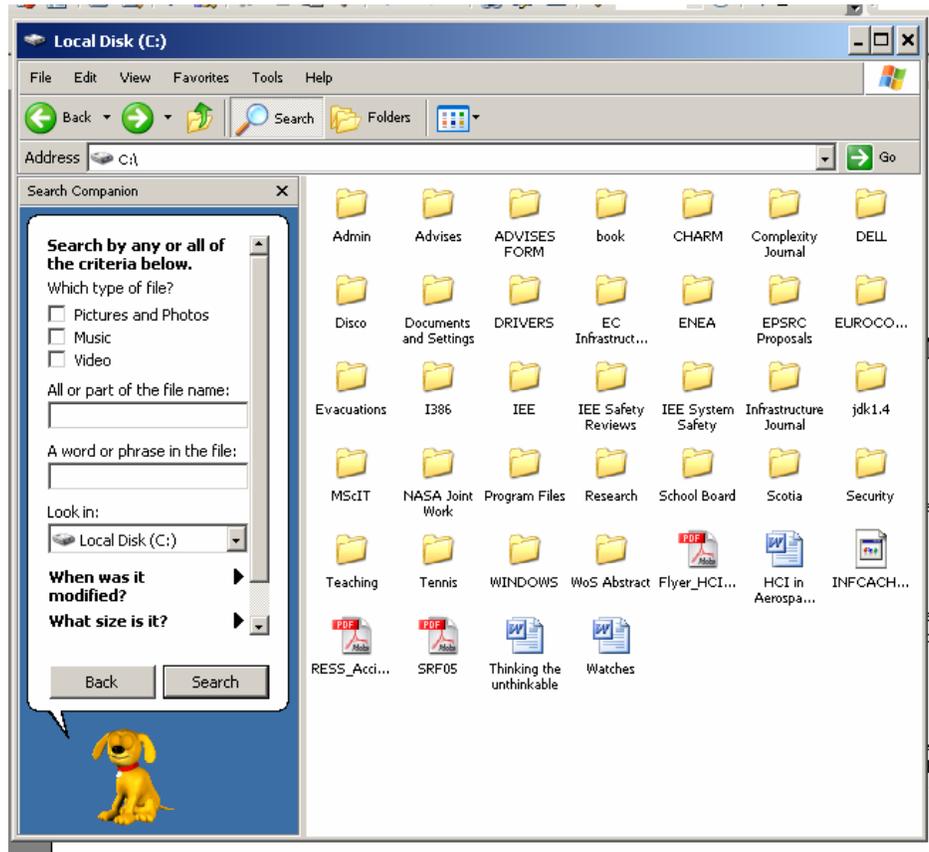
Briefly describe the main features that are you feel will support the user of this operating system. (Hint: you do not need to describe the detailed operation of any of the particular services, you do need to comment of the interface design, choice of widgets etc).

[6 marks]

c) You have been asked to design an application for the next generation of mobile phones.   The precise technology has yet to be decided upon. The aim of the system is to enable users to book tickets for sports events and for concerts using their phone.   Briefly explain how you would go about designing the interface to this system and how would conduct formative evaluation during the initial stages of development (Hint: you do not need to design the interface itself, simply describe the techniques you would use during the early stages of development).

[9 marks]