

CS1Q Exam

1.

a) Please provide BRIEF answers to the following questions:

- i) Name two differences between short and long term memory.
- ii) Why is functional ageing important for the design of interactive systems?
- iii) When would you use a serif font?
- iv) Describe the relationship between challenge and control in Csikszentmihalyi's 'flow' theory of game playing.
- v) What are the benefits of observational rather than lab based evaluations?

[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 manage the security settings for their computer.



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 a commercial web-site. Users will be able to browse or search for music and then download it to their hard disk and any associated devices, such as MP3 players. Briefly explain how you would identify the potential end-users of such a service and then explain how you would conduct a summative evaluation for these users once the system had been built.

[9 marks]