

2002 Paper 2 Question 6

Professional Practice and Ethics

- (a) Characterise and distinguish between consequentialist ethical theories and deontological ethical theories. Give one example of each. [4 marks]
- (b) The first section of the new British Computer Society Code of Conduct sets out for BCS professionals six standards of how they should conduct themselves with respect to The Public Interest. State *four* of these standards. [4 marks]
- (c) Computer security is as much a matter of institutional safeguards as it is of technical safeguards.
- (i) Explain the two main aspects of institutional safeguards. [2 marks]
- (ii) Name two new offences created by the Computer Misuse Act of 1990. [2 marks]
- (d) State as accurately as you can *four* of the eight principles of the 1998 Data Protection Act and briefly explain the reason for having each of these principles. [4 marks]
- (e) What is the difficulty in trying to claim that people have natural rights to the ownership of intellectual property such as software? Is there a consequentialist justification for maintaining ownership of intellectual property such as software? [4 marks]