

2008 Paper 2 Question 9

Professional Practice and Ethics

- (a) The British Computer Society Code of Conduct has four sections. What kind of professional conduct does each section cover, and how does each of these kinds of conduct benefit the profession and its members? [8 marks]
- (b) True or False questions:
- (i) A User can provide occasional use of the University computer system for a friend who is a temporary visitor.
 - (ii) Circumstances that mitigate minor infractions of the rules promulgated by the Information Technology Syndicate include, among other things, inebriation.
 - (iii) Appropriate use of the Cambridge University Data Network (CUDN) means *bona fide* academic activity plus a low level for private purposes.
 - (iv) Small amounts of commercial activity are acceptable as long as the User is acting in a private capacity. [4 marks]
- (c) The IT industry is increasingly aware of its own environmental impact. Describe at least *one* environmental problem to which the industry contributes and how, as an IT professional, you can help to solve this problem. [4 marks]
- (d) “Social engineering is a greater threat to computer security than computer cracking software.” What is social engineering and what measures can be taken to guard against it? [2 marks]
- (e) What is *copyleft* and how is it used to protect free, open-source, software? [2 marks]