

## 2003 Paper 11 Question 11

### Software Engineering and Design

Internal aspects of software, such as variable names or code optimisation, can affect system users both by disrupting aspects of the development process that are important to users, and by degrading the user's experience of the final product. For *each* of the internal aspects named, describe:

- (a) which kind of effect is most likely for *each* internal aspect, and by what mechanism; [4 marks]
- (b) how the consequences could be measured; [4 marks]
- (c) how the measured results might be compared with other related effects; [8 marks]
- (d) how development might be managed to minimise adverse effects of this kind. [4 marks]