

## 1997 Paper 2 Question 8

### Software Engineering I

Describe the *waterfall model* of software development and discuss its strengths and weaknesses. [12 marks]

For which of the following projects would it be suitable, and why?

- (a) an incremental compiler for Java
- (b) a clinical-record-keeping system for dentists
- (c) a word-processing package
- (d) a guidance system for an interplanetary probe

[8 marks]