

## 1993 Paper 11 Question 5

### Programming Language Compilation

Give a brief description of the main features of Lex and Yacc. [5+5 marks]

Illustrate their use by outlining how you would construct a parser for expressions composed of identifiers, integers, function calls and the operators  $*$ ,  $/$ ,  $+$  and  $-$ . [10 marks]