

# 1996 Paper 11 Question 1

## Software Engineering

Outline the software life cycle. Briefly describe each of the stages, its relation to other stages and its overall importance. [7 marks]

Describe how management can monitor the progress of a software project. In this respect, how does software differ from traditional engineering disciplines such as construction? [4 marks]

F.P. Brooks has listed *complexity*, *conformity*, *changeability* and *invisibility* as impediments to software development. What does he mean by these terms, and what independent evidence is available to support his analysis? [9 marks]