1998 Paper 1 Question 11

Operating Systems

As well as storage and retrieval of data, the functions of a filing system include:

- naming and name resolution

- access control

- existence control

- concurrency control

For *each* of the above

(*a*) Briefly define the function.   [1 mark each]

(*b*) Discuss how, and in which filing system component, the function may be provided. Use examples from one or more real operating systems to illustrate your answer.   [4 marks each]