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]