1998 Paper 12 Question 1

Distributed Systems

For a large-scale distributed system or application:

(*a*) Describe alternative approaches to creating unique names. Include a discussion of the information conveyed by a name. [5 marks]

(*b*) Discuss name to location binding under the headings

(*i*) availability of the binding service [5 marks]

(*ii*) consistency of the naming data [5 marks]

(*iii*) mobility of named objects [5 marks]