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]