1999 Paper 11 Question 10

Natural Language Processing

Write about *two* of the following. Describe how each technique can be used in the solution of a natural language processing (sub)task and the problems which remain.

(*a*) Active chart parsing

(*b*) Part-of-speech disambiguation using finite-state machines

(*c*) Probabilistic context-free grammar

(*d*) Plan recognition for discourse comprehension

[10 marks each]