

Unit III

S.NO	Question
1	Parse the sentence “Book the flight through Houston” using CKY algorithm
2	Construct suitable example to discuss about ambiguity.
3	Identify the categories of English word classes and explain in detail
4	Describe Hidden markov model with suitable example
5	<p>Find and Explain one tagging error in each of the following sentences that are tagged with the Penn Treebank tagset:</p> <ol style="list-style-type: none">1. I/PRP need/VBP a/DT flight/NN from/IN Atlanta/NN2. Does/VBZ this/DT flight/NN serve/VB dinner/NNS3. I/PRP have/VB a/DT friend/NN living/VBG in/IN Denver/NNP4. Can/VBP you/PRP list/VB the/DT nonstop/JJ afternoon/NN flights/NNS
6	<p>Use the Penn Treebank tagset to tag each word in the following sentences from Damon Runyon’s short stories. You may ignore punctuation.</p> <ol style="list-style-type: none">1.It is a nice night.2. This crap game is over a garage in Fifty-second Street. . .3. . . . Nobody ever takes the newspapers she sells . . .
7	Explain NER as a sequence model, which shows IO, BIO, and BIOES taggings.
8	List the Examples of type ambiguities in the use of the name Washington.
9	Write short notes on Named Entities and Named Entity Tagging.
10	Illustrate POS Tagging with suitable Examples.
11	Discuss about Penn Treebank part-of-speech tags.
12	Draw and Explain The parse tree for “I prefer a morning flight” according to grammar L0.
13	Discuss in detail about “Constituency”.
14	What is CFG?Discuss in detail
15	What is meant by Grammar Equivalence? How convert a given grammar into CNF?