1. Explain with example different types of Ambiguity in Natural Language

1. Discuss Challenges of NLP and how to overcome them.
2. Explain importance of Tokenization in NLP and write regular expression for tokenization
3. Compare and contrast Stemming and Lemmatization. Explain Porter Stemmer algorithm
4. Explain Edit Distance algorithm.
5. Use of Finite Automata and Finite State Transducers (FST) in NLP
6. Explain Importance of Morphological Analysis with its types and applications.
7. What exactly is N –Grams? How it is implemented?
8. Explain PoS done using Tag Set for English (Penn Treebank) .
9. Explain steps of Rule Based POS Tagging.

1. FSA

2. State transition table

3. algo for reading no 1-100