

NLP – WORKSHEET 5

1. (D) All of the above
2. (B) Syntactic
3. (B) Word Sense Disambiguation
4. (A) Lemmatization
(B) Stemming
5. (A) POS tagging
(B) Handling Tokenization
(C) Word Sense Disambiguation
6. (A) Information retrieval from text
(B) Automatic summarization
7. (C) Separate words into individual morphemes and identify the class of the morphemes
8. (A) Word2Vec
(C) GloVe
9. (A) They capture the semantics of the word
(B) The word embeddings provide dense vector for the word representation
10. (A) Cosine similarity
11. (A) The words similar to each other in meaning will have same POS tags
12. (A) Occurrence matrix
(C) Co-occurrence matrix
13. (C) The word vectors are very high dimensional
14. (C) The word embeddings are very dense and low-dimensional vectors are compared to co-occurrence matrix word vectors
15. (A) We try to generate a word given the context of the word by using a deep neural network