**WORKSHEET-3**

**NLP (Solutions)**

**ANS 1)**

* 1. A) Lancaster Stemmer
  2. B) Porter Stemmer
  3. C) Snowball Stemmer
  4. D) WordNetLemmatizer

**ANS 2)**

* 1. A) All the words can be reduced to their base form
  2. B) so that we do not end up with too many words in the vocabulary which are not adding information to the model.
  3. C) so that lengths of words are reduced.

**ANS 3)**

* 1. A) Semantic Processing

**ANS 4)**

* 1. B) Chunking

**ANS 5)**

**ANS 6)**

D) None of the above

**ANS 7)**

* 1. B) It uses tag of only the previous word to determine the tag of the current word.

**ANS 8)**

* 1. A) The transition probabilities refer to probabilities of transitioning from one tag to another tag.

**ANS 9)**

* 1. A) ‘a’
  2. B) ‘ate’

**ANS 10)**

* 1. B) POS tagging

**ANS 11)**

**ANS 12)**

**ANS 13)**

**ANS 14)**

**ANS 15)**

**ANS 16)**