

**21CSE356T**  
**Natural Language Processing**  
**Unit-3**  
**Question Bank**

- 1. Explain the different challenges used in Word Sense Disambiguation and define Lesk algorithm?**
- 2. How does a word embedding represent semantic similarity?**
- 3. Discuss with an example the various approaches of Word2Vec? [CBOW, Skip-Gram, GloVe]**
- 4. How does coherence impact text summarization?**
- 5. How does pronominal anaphora resolution handle possessive pronouns? Explain its steps. Describe also Hobb's Algorithm.**
- 6. What role do discourse markers play in segmentation?**
- 7. Define:**
  - a. Reference Resolution**
    - i. Types of Referring Expression**
    - ii. Types of Referents that complicate the Reference Resolution Problem**
  - b. Coreference Resolution**
    - i. Task**
    - ii. Syntactic and Semantic Constraints on Coreference**