

Assignment 1, ME(CSE) II Sem., 2013-14  
**Natural Language and Speech Processing**

1. What are the basic organs for speech generation? Give a brief introduction for each.
2. What are the challenges for speech processing? Discuss in brief.
3. Take these ten words from the following sentence and list their phonemes, syllables, and the place of articulation of first phone in each:

“The quick brown fox jumped over the lazy dog.”

4. Take the names of any five fruits and five vegetables from Hindi language and list the phonemes for these words.
5. List the names of all the vowels and consonants of Hindi language and compare them with English with respect to the processing through machine.