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Roll No.....

6TH SEMESTER

B.Tech.(CSE)

MID SEMESTER EXAMINATION

(March – 2019)

SE 316: Natural Language Processing

Time: 1:30 Hours

Max. Marks: 25

<b>Note:</b> Answer all questions. Assume suitable missing data, if any.
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1. Explain how Viterbi Algorithm can be used in spelling error detection and correction problem with example. (5)
2. Describe the ambiguities at the all level of language understanding in natural language processing. (5)
3. Give two possible parse trees for the sentence, *stolen painting found by tree*. (5)
4. Identify the noun and verb phrase in the sentence, *My soul answers in music*. (2.5)
5. What makes natural language processing difficult? (2.5)
6. What are the problems associated with n-gram model? How are these problem handled? (2.5)
7. Explain the three ways of word formation with example. (2.5)

END