

Q.P. Code: 112377

Reg. No.:.....

**First Year MASLP Degree Regular/Supplementary Examinations
November 2019**

Advances in Speech Sciences

(2016 Scheme)

Time: 3 hrs

Max marks: 80

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(5x16=80)

1. Describe the laryngeal biomechanics
2. Explain the aerodynamics and acoustics of vowels, fricatives and stops
3. Explain the basic analyze techniques: analog to digital conversion spectrograph, pre-emphasis
4. Critically analysis the speaker recognition system in forensic sciences.
5. Explain the usefulness of infant cry analysis and laughter analysis
