

Q.P. Code: 112377

Reg. No.:.....

First Year MASLP Degree Examinations November 2018

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 aerodynamics of stops and fricatives. Briefly explain relation pressure curve. (10+6)
2. Critically evaluate Kozhenikov Christovich model of speech production with its merits and demerits.
3. Explain any two speech analysis techniques with a note on its importance in speech sciences.
4. List various types of speech recognition systems. Elaborate on semi-automatic speech recognition method. (10+6)
5. What are the various methods used in the study of infant cry analysis. Illustrate with research studies.
