# 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.

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