

**Q.P.Code: 102377**

**Reg. No.:.....**

First Year MASLP Degree Examinations, August 2016

**ADVANCES IN SPEECH SCIENCES**

**Time : 3 hrs**

**Max marks : 80**

- Answer all questions

**Essays**

**(5x16=80)**

1. Explain various layers of the vocal fold with a neat diagram. Update on laryngeal biomechanics.
2. Explain source filter theory and its relevance in speech sciences. Draw diagrams wherever necessary.
3. Describe the various methods and measures of aerodynamic analysis of speech.
4. What is speech intelligibility. Describe any two speech intelligibility tests used in speech pathology.
5. What is automatic speech recognition. Elaborate on methods of speech synthesis with their merits and demerits.

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