

**Q.P.Code: 102377**

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

**First Year MASLP Degree Examinations, September 2015**

**ADVANCES IN SPEECH SCIENCES**

**Time : 3 hrs**

**Max marks : 80**

- Answer all questions

**Essays**

**(5x16=80)**

1. Explain factors that influence functioning of lungs for speech purpose. How does this vary as a function of aging.
2. Define the terms glottis, sub glottis, supra glottis, lamina propria, and Reinke's space. Identify the histological layers of lamina propria and describe their composition.
3. How does vowel height alter velopharyngeal airway resistance. How nasality in speech is measured.
4. Describe short term and long term speech analysis techniques. Discuss its applications.
5. Describe features of infant cries in typical children and children with birth anomalies.

\*\*\*\*\*