

**Q.P.Code: 102377**

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

First Year MASLP Degree Examinations - November 2012

**ADVANCES IN SPEECH SCIENCES**

**Time: 3 hrs**

**Max marks : 80**

- Answer all questions

**Essays**

**(5x16=80)**

1. Define checking action. Explain the aerodynamic events in speech. Explain the breathing mechanism while singing. (12+4)
2. Describe the multiple mass models of vocal folds and highlight the merits. Explain basement membrane zone with a neat diagram. (12+4)
3. Elaborate on Dell's activation model. Explain the perturbation theory of speech production. (8+8)
4. Describe the perceptual and instrumental methods of speech analysis. (16)
5. List the parameters of infant cry analysis. Explain diagnostic and therapeutic significance of infant cry analysis. (8+8)

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