

**Q.P.Code 2377**

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

First Year MASLP Degree Examinations - January 2012

**ADVANCES IN SPEECH SCIENCES**

**Time: 3 hrs**

**Max marks : 80**

- Answer all questions

**Essays**

**(5x16=80)**

1. Describe the life span changes in the speech mechanism. (16)
2. What is relaxation pressure curve. Elaborate on relaxation pressure of the respiratory system at various lung volumes and forces of respiration with a neat graphical representation. Explain passive forces of respiration. (12+4)
3. Describe in detail the application of DSP principles in the field of speech science. (16)
4. What is closed loop model. Explain any one closed loop model with its merits and demerits with adequate illustrations. (16)
5. What are the different methods of speech synthesis. Elaborate. Give a brief note on application of speech synthesis. (12+4)

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