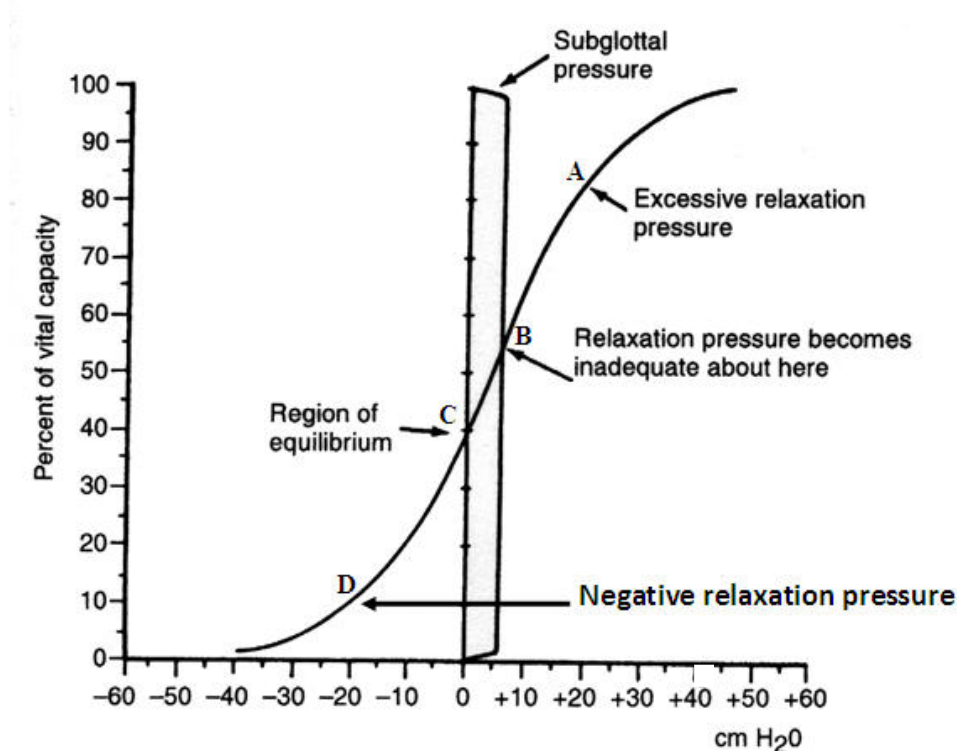


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聽語障礙科學研究所 碩士班
言語科學 試題

注意	1. 本試題共有 <u>2</u> 頁。 2. 請用中文或英文作答。 3. 請於答案卷上標明題號，並依序作答。
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申論題(共 5 題，每題 20 分，共 100 分)

Figure 1



Question 1

Figure 1 consists of a subglottal pressure of about 6cm H₂O during phonation of a sustained vowel superimposed on a relaxation pressure curve (Zelmin, 1998). Describe the lung volume at A (5%), B (5%), C (5%), and D (5%) from the anatomical view point.

Question 2

What are the two pairs of laryngeal joints? (4%) Illustrate their potential functions and with diagrams. (16%)

Question 3

What is fundamental frequency? (4%) What are the reasons for the differences among fundamental frequency for male adults, female adults and children? (6%) What are their voice-source spectrums respectively? (10%)

Question 4

Provide a classification of Mandarin consonants by place and manner of articulation. (20%)

Question 5

What are the salient acoustic features for the Mandarin stops and their purposes? (20%)