

國立臺北護理健康大學 100 學年度碩士班招生
聽語障礙科學所碩士班
聽力科學 試題

注意	1.本試題共有 <u>1</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。
----	--

申論題 (每題 20 分)

1. Please answer the following questions: (每小題 5 分)
 - (1) Please compare the terms dB SPL rms (deci-Bel sound pressure level root-mean-square) and dB HL (deci-Bel hearing level)
 - (2) Please define the term “threshold of audibility”
 - (3) Please define the term “psychometric function”
 - (4) Please define the term “amplitude spectrum”
2. Please describe the structure and function of the middle ear.
3. Please describe the traveling wave of the cochlea in response to sound stimulation.
4. Please describe the encoding mechanism of auditory nervous system for stimulus intensity.
5. Please describe equal loudness contour, including the experiment, the characteristics and it's application.