

國立臺北護理健康大學 105 學年度碩士班招生

語言治療與聽力學系 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。
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問答題 5 題 (每題 20 分) (中文或英文答題皆可)

1. Please define the following terms:
 - (1) dB SPL rms (deci-Bel Sound Pressure Level root-mean-square)(5%)
 - (2) dB HL (dB Hearing Level) (5%)
 - (3) dB SL (dB Sensation Level) (5%)
 - (4) acoustic waveform(5%)
2. Please describe the filter function of the outer ear and middle ear during the transmission of the acoustic energy from the environment to the inner ear. (20%)
3. Please describe the structure of the cochlea. (20%)
4. Please describe the auditory neural pathway from the cochlea to the auditory cortex. (20%)
5. Please describe the classic methods for measuring the hearing threshold. (20%)