

國立臺北護理健康大學106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

問答題 5 題（中文或英文答題皆可）

1. Please explain how the central auditory nervous system might interpret the frequency of sound in terms of temporal and place theories.(20%)
2. Please describe the auditory efferent pathway and its possible function. (20%)
3. Please explain what the minimum audible field (MAF) and minimum audible pressure (MAP) are and why the MAF threshold is lower than the MAP threshold. (20%)
4. Please describe what shearing motion is in the cochlea. (20%)
5. Please describe how the middle ear might overcome impedance mismatch between outer and inner ears. (20%)