

***Ollscoil na hÉireann, Gaillimh***  
***National University of Ireland, Galway***  
**Semester II Examinations 2004 / 2005**

<b>Exam Code(s)</b>	1SL1
<b>Exam(s)</b>	1SL1 BSc(Hons) in Speech & Language Therapy
<b>Module Code(s)</b>	SL113
<b>Module(s)</b>	Audiology
<b>Paper No.</b>	1
<b>External Examiner(s)</b>	Ms. Anne Hesketh
<b>Internal Examiner(s)</b>	Ms. Maria Logue-Kennedy
<b><u>Instructions:</u></b>	<b>Answer ALL questions in Section A. Answer TWO (2) questions in Section B.</b>
<b>Duration</b>	2 hours
<b>No. of Pages</b>	1
<b>Department(s)</b>	Speech & Language Therapy
<b>Course Co-ordinator(s)</b>	Ms. Maria Logue-Kennedy

## **Introduction to Audiology 1.**

**Answer all questions in Section A.**

**Answer two (2) questions in Section B.**

***Section A.- Answer all questions. Each question in Section A contributes a maximum of 5% of the total paper mark.***

**Write short notes on all of the following:-**

- Otoacoustic emissions.
- Congenital hearing loss.
- Acquired hearing loss.
- Otitis Media.
- Evoked Response Audiometry.
- Audiogram.
- Tympanometry.
- Presbycusis.
- Neonatal hearing screening.
- Cochlear Implant.

***Section B- Answer two questions.***

***These questions together contribute a maximum of 50% of the total paper mark.***

Discuss childhood hearing screening. Include the prevalence of childhood hearing impairment, the functions and benefits of hearing screening, the methods of hearing screening and the difference between screening and assessment.

Describe the causes of hearing loss. Include conductive and sensori-neural; acquired and congenital; and give details of the site of lesion and impact on communication and language acquisition.

Describe the transmission of sound in the human ear, giving details of the function of each part from the external sound source to recognition and interpretation of the sound by the individual. Include reference to the importance of hearing in spoken communication.