

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

Exam Code(s)	1SL1
Exam(s)	1SL1 BSc(Hons) in Speech & Language Therapy
Module Code(s)	SL111
Module(s)	Phonetics
Paper No.	1
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<u>Instructions:</u>	Examination Paper consists of FOUR parts. ALL questions of Parts A and B should be answered. ONE question from Part C and SEVEN questions from Part D should be answered.
Duration	2 Hours
No. of Pages	2
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Course Co-ordinator(s)	Dr. Irena Yanushevskaya

Speech and Language Therapy

NUI, Galway

Examination paper. Phonetics

April 2005 (1)

Examination paper consists of Four parts. **All** questions of Parts A and B should be answered, **ONE** question from Part C and 7 questions from Part D should be answered.

Part A.

1. Give appropriate IPA and ExtIPA symbols to the following sounds:
 - a) voiceless bilabial fricative;
 - b) devoiced lateral approximant;
 - c) dental percussive;
 - d) high front retracted rounded vowel;
 - e) voiced alveolar fricative realised as partly devoiced;
 - f) creaky high back rounded vowel;
 - g) voiced uvular trill;
 - h) voiceless postalveolar affricate;
 - i) voiced alveolar palatalised lateral.

2. Give articulatory phonetics labels for the sounds represented by the following IPA and ExtIPA symbols.
 - a) k\k\k
 - b) ɤ
 - c) ɦ
 - d) d̥
 - e) kʰ
 - f) ø
 - g) ɟ
 - h) ɢ
 - i) ɮ
 - j) ɭ

/Continued overleaf

Part B.

Transcribe the following short phrases using narrow transcription. Mark the stresses. What sound variations can be predicted in these phrases? Comment on the type and direction of assimilation and coarticulation.

- a) he found little comfort in that
- b) she didn't like these shoes
- c) I must collect the money now
- d) the number eight bus
- e) a plant in a green pot

Part C. Answer ONE of the following questions.

1. Discuss the principles according to which consonant and vowel charts are designed in the IPA.
2. Discuss the types of notation necessary for transcription of speech.

Part D. Answer ANY SEVEN of the following questions. Keep your answers as brief as possible.

1. Divide the word '*later*' into syllables and show diagrammatically the syllable structure for each syllable.
2. In the sentence '*Paddy adores blue cheese*' the first two words were pronounced with a modal voice and the last two words were pronounced with a creaky voice. Show it in your transcription of the sentence.
3. Describe briefly the sequence of events in the production of [b'].
4. Briefly comment on the difference in the articulation between [dʲ] and [dʲ̥]. Provide articulatory phonetic labels for these sounds.
5. Give a broad definition of fundamental frequency and pitch. How are they related?
6. What are the three functional systems of speech production?
7. Define egressive pulmonic sounds.
8. Discuss briefly the main allophones of Hiberno-English /t/ and the positions in which they occur.
9. Describe briefly phonatory settings for whisper.
10. What factors contribute to the perceptual prominence of a syllable?
11. What airstream mechanisms can be used in speech production?
12. What is phonation?
13. Define the difference between broad and narrow transcription.
14. Give a brief definition and some examples of common weak forms.