
UNIVERSITI SAINS MALAYSIA

First Semester Examination
Academic Session 2006/2007

October/November 2006

HET 222 – PHONETICS AND PHONOLOGY

Duration : 3 hours

Please check that this examination paper consists of TWO pages of printed material before you begin the examination.

INSTRUCTIONS:

Answer any FOUR questions. All questions carry the same marks.

1. Describe the anatomical structure and functions of the laryngeal system. With the help of diagrams, describe any five phonatory types of the glottis that you know.

[25 marks]

2. Explain the different stages involved in the production of plosive consonants. With the help of diagrams, briefly describe how any six voiced plosive consonants that you know are articulated.

[25 marks]

3. Explain the criteria used by the International Phonetic Association (IPA) in classifying consonantal segments. Illustrate your answer with diagrams.

[25 marks]

4. Explain the term 'phonotactic' and discuss the possible phonotactic constraints found in the consonantal onset and coda of English syllable.

[25 marks]

5. Explain any FIVE of the following phonological terms:

- [i] Vowel and Consonant.
- [ii] Contrastive and Emphatic stress.
- [iii] Ejectives and Implosives.
- [iv] Palatalisation and Labialisation.
- [v] Progressive and Regressive Assimilations.
- [vi] Open and Close Approximations.

[25 marks]