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UNIVERSITI SAINS MALAYSIA

First Semester Examination  
Academic Session 2005/2006

November 2005

**HXE 209 – Linguistics I**  
**(Phonology and Morphology of English)**

Duration : 3 hours

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

This paper contains SIX questions. Answer TWO questions from **Section A** and TWO questions from **Section B**. All questions carry the same marks.

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**Section A**

1. What are the different stages involved in the production of stop consonants. With the help of the Saggital diagrams, briefly describe how any seven voiceless oral stops that you know are articulated.  
[25 marks]
  
2. [a] Discuss the anatomical structure and functions of the laryngeal system.  
[b] Explain five phonatory states of the glottis that you know. Illustrate your answer with diagrams.  
[25 marks]
  
3. Explain briefly five of the following phonological terms:
  - [a] Open and close approximations
  - [b] Velic opening and velic closure
  - [c] Ejectives and implosives
  - [d] Progressive and regressive assimilations
  - [e] Vocoids and contoids
  - [f] Co-articulation and co-ordination[25 marks]

**Section B**

4. What are allomorphs? Using appropriate examples, distinguish suppletive allomorphs from phonological allomorphs.  
[25 marks]
  
5. What is productivity? Discuss how derivational rules and inflectional rules can be used to create new words.  
[25 marks]
  
6. Discuss, with examples, two types of sound alternations in relation to morphophonology.  
[25 marks]