

Linguistics 101
Assignment #3
Due 3/6/07

1. English

a. Determine whether [j] and [tʃ] are allophones of a single phoneme, or if they are allophones of separate phonemes. Offer examples (data) and argumentation to support your response. (12 points)

2. Do page 116 in the Language Files, Questions 1 & 2 (16 points for #1 & 12 points for #2).

3. In the Language files, do the Farsi example, page 130. Just answer the first two questions between: "If they are allophones...forms which show this." IGNORE the remaining questions. (30 points)

4. Finnish (Finland) (15 points)

1. [kudot] 'failures'
2. [kate] 'cover'
3. [katot] 'roofs'
4. [kade] 'envious'
5. [madon] 'of a worm'
6. [maton] 'of a rug'
7. [ratas] 'wheel'
8. [radon] 'of a track'

Are [t] and [d] separate phonemes or allophones of the same phoneme? Explain your reasoning

5. Swahili (East Africa) (15 points)

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| 1. [ŋɔ̃ma] 'drum' | 12. [watoto] 'children' |
| 2. [bɔ̃ma] 'fort' | 13. [ndoto] 'dream' |
| 3. [ŋɔ̃mbe] 'cattle' | 14. [mboga] 'vegetable' |
| 4. [bɔ̃mba] 'pipe' | 15. [ndogo] 'little' |
| 5. [ɔ̃mba] 'pray' | 16. [dʒogo] 'rooster' |
| 6. [ɔ̃na] 'see' | 17. [ʃoka] 'axe' |
| 7. [pɔ̃ɲa] 'cure' | 18. [okota] 'pick up' |
| 8. [nɔ̃ɲa] 'nurse' | 19. [modʒa] 'one' |
| 9. [ɔ̃ndʒa] 'taste' | 20. [mtego] 'trap' |
| 10. [ɔ̃ngeza] 'increase' | 21. [khɔ̃ndo] 'sheep' |
| 11. [ɔ̃ɲga] 'strangle' | 22. [karɔ̃ŋgo] 'wash-out' |

Are [ɔ̃] and [o] separate phonemes or allophones of the same phoneme? Explain your reasoning.