

Homework #5

(due 05/10/2004)

1. In this exercise I want you to try to determine what various sounds of English have in common. For each of the following sets of sounds, figure out which is the misfit (i.e., which one does **not** have some feature which the others in the set do have). You'll have to pronounce each of the sounds out loud to see what your mouth is doing. Tell me not only which one of the four sounds in each set is the misfit, but also **why** it doesn't fit in. (40 points)

a) [f] as in "father"	b) [z] as in "laser"
[k] as in "back"	[k] as in "back"
[s] as in "sun"	[s] as in "sun"
[ʃ] as in "short"	[p] as in "pit"
c) [b] as in "bad"	d) [n] as in "note"
[r] as in "red"	[ŋ] as in "sing"
[g] as in "good"	[m] as in "make"
[d] as in "dog"	[č] as in "child"

2. This exercise is designed to get you used to thinking about places and manners of articulation. (These are described in Language File 3.2. Turn to the consonant chart on page 46 of Language Files for this problem. It will also be useful to refer to the sagittal section on page 44.)
 - (a) What consonants would you lose the ability to produce if you lost the use of your **vocal folds**? (I.e., if your larynx became diseased in some way so that you could not close your vocal folds). Give the *feature(s)* (places, manners of articulation and/or voicing) that characterize(s) this set of consonants and also give a *list* of the consonants (i.e., a list of phonetic symbols).
 - (b) How about if you could no longer use your **velum (soft palate)** to open the passage to your nasal cavity, meaning the passage always remained closed?
 - (c) Lastly, what consonants would you lose if you had no **teeth**?

(30 points)

3. Give the conventional spelling for the phonetically transcribed words in exercise 5 on page 55 of the Language Files.
 - Do the first 30 words (a-dd). (30 points)
 - Do the last 10 words (ee-nn). (Bonus: 10 points extra)

4. Bonus question: Read page 52 of the Language Files and write down the phonetic symbols of the eleven consonants represented by the pictures on p. 53 (in the order from left-to-right, top-down). (22 points extra)