Phonology Homework

Name _____________________________________________________________

A. Ganda (Uganda)

1. kola 'do'
2. lwana 'fight'
3. buulira 'tell'
4. lya 'eat'
5. luula 'sit'
6. omugole 'bride'
7. lumonde 'sweet potato'
8. eddwaliro 'hospital'
9. oluganda 'Ganda language'
10. olulimi 'tongue'
11. wulira 'hear'
12. beera 'help'
13. jjukira 'remember'
14. eryato 'canoe'
15. omuliro 'fire'
16. effiriimbi 'whistle'
17. emmeeri 'ship'
18. eraddu 'lightning'
19. wawaabira 'accuse'
20. lagira 'command'

Are [r] and [l] separate phonemes or allophones of the same phoneme?
State your evidence. If the latter, state the distributions (20 points), and select a base form and write a rule for the alternation (15 points).

Here are some loanwords from English in Ganda. How can you account for the treatment of [r] and [l] in these words? 10 points

leerway 'railway'
luula 'ruler'
B. Gascon (Southwestern France) 40 points

/era hiixo/  'the girl/daughter'
/eras hiixo/  'the girls/daughter'
/eraj mas/  'the hands'
/eras tawlos/  'the tables'
/eras kledos/  'the haylofts'
/eraj bestjos/  'the animals'
/eraz ulos/  'the pots'
/eras kazos/  'the houses'
/eraz amidalos/  'the tonsils'
/eras hlus/  'the flowers'
/eraz awkos/  'the geese'
/eraj dajos/  'the scythes'
/eraj nuros/  'the daughters-in-law'
/eraj granuz embezos/  'the great desires'
/era hiixo de zwan/  'John's daughter' (lit. 'the daughter of John')
/eras hiixoj de zwan/  'John's daughters'
/eraj mjebos tawlos/  'my tables' (lit. 'the my tables')
/eraj granus hlus/  'the big flowers'
/era petito awko/  'the little goose'
/eras petitoz awkos/  'the little geese'

The plural marker (which occurs at the end of the article, the adjective and the noun) can take the form /s/, /z/ or /j/. State the distributions (20 points). Select a base form for the plural marker and write rules accounting for the occurrence of the other two forms (20 points).