

1) Phonologists use underlying representations as an abstract representation in order to categorize variance of a phoneme. This is based on the idea that phonemes have a "base" form, which is then changed by phonological rules.

-1 2)

<u>l</u>	<u>r</u>	r is found after front, tense vowels, whereas l is found after back vowels.
o - a	i - a	
a - i	e - a	
o - e	e - j	
u - i	e - i	
- j		

3) l is the underlying form, as it is found in more words and cases. r is only found after front, tense vowels, specifically after [i] & [e], while l is found in many more environments including after back vowels & at the beginning of words.

4) sit → lu:la    whistle → effilimbi  
accuse → wawa:bila    command → lagiea

5) [ +lateral ] → [ +trill  
-lateral ]

/

+syllabic  
+front  
+tense

6) C V (C)

7) the order of morphemes for the teens is the morpheme for 10 & then the specific number  
the order of morphemes for the tens is the specific number & then the morpheme for 10

14: dzu (b) - - si → 10 - 4  
40: si (b) - dzu → 4 - 10

8) The morpheme for 10 alternates between [ju] & [bju]. When the morpheme for 10 is not found word initially, it does not include the [b]. This leads to the conclusion that the [b] is deleted in the word initial position.

9)  
↓  
Consonant clusters are simplified in word initial position, more generally.

	UR	Allomorphs
one	gdzig	dzig, gdzig
ten	bdzu	bdzu, dzu
four	bfi	bfi, fi
five	ŋa	ŋa
nine	rgu	rgu, gu

10) C → ∅ / # — C  
[+consonantal] [consonantal]

consonant clusters are simplified into one consonant word initially

PART 4

general notes:

fem sg → adds -ə, -rə, -lə, -tə, -də, -ʔə

word final consonant clusters are deleted??

11) all: tot      sure: səyur      level: plan  
 civil: sipil      strong: fort      deep: prufund

12) Rule 1: [n] & [r] are deleted in word final position.

Rule 2: word final consonants are deleted if they follow a sonorant

13)	Name of Rule	Rule with features
-0.5 Rule 1	final consonant deletion	$\left[ \begin{array}{l} +\text{coronal} \\ -\text{dorsal} \\ +\text{sonorant} \end{array} \right] \rightarrow \emptyset / \_ \#$
-1.5 Rule 2	<u>post sonorant</u> deletion	$\left[ \begin{array}{l} -\text{strident} \\ -\text{sonorant} \\ +\text{consonantal} \end{array} \right] \rightarrow \emptyset / \_ C$

14)	VR	actot	seʔur	sipil	fort
final cons. deletion	—	—	seyu	—	—
post son del	—	—	—	—	for
Surface	tot	seyu	sipil	for	

rule ordering: counterfeeding

15)

	all	sure	civil	strong
UR	tot	seyur	sibil	fort
cons.	—	seyur	—	for
clus. del	—	—	—	—
post son	—	seyu	—	fo
del. sp.	—	—	—	—
-0.5 surface	tot	seyu	sibil	fo

rule ordering: feeding