

Name: _____

QUIZ 3

Phonetics and Phonology

1. Describe the phonological process of **dissimilation**. (10 points)

Dissimilation is the process whereby one of two identical or similar sounds in a word changes to become less like the other sound.

2. Describe the phonological process of **deletion** and provide an example from English. (15 points)

Deletion is the process whereby a sound is lost in a word.
Example: sandwich [sændwɪʃ] → [sænwɪʃ] with deletion of [d].

3. In the blank provided, please write the appropriate IPA (International Phonetic Association) symbol for the sound that fits the description. (5 points each = 30 points)

voiced interdental fricative	ð
voiceless palatal affricate	tʃ
bilabial nasal	m
voiced labiodental fricative	v
voiceless alveolar stop	t
voiced alveolar lateral liquid	l

4. Which of the following sets of symbols represent mid vowels. (Put a check mark on the line before the correct set.) (10 points)

___ æ a ɑ
___ i i u
✓ e ə o
___ ʊ ʌ ɔɪ

5. Which of the following sets of symbols represent diphthongs. (Put a check mark on the space before the correct set.) (10 points)

___ æ a ɑ
___ i i u
___ e ə o
✓ ʊ ʌ ɔɪ

6. The English past tense suffix on verbs has the underlying (abstract) phonological form /-d/ as seen in the following verbs.

<u>Present</u>		<u>Past</u>
owe /o/	:	owed /od/
stare /stɛr/	:	stared /stɛrd/
fill /fɪl/	:	filled /fɪld/
rub /rʌb/	:	rubbed /rʌbd/

- a. The pronunciation of the suffix changes to [-t] following certain verbs:

<u>Present</u>		<u>Past</u>
hope /hɒp/	:	hoped /hɒpt/
cook /kʊk/	:	cooked /kʊkt/
itch /ɪtʃ/	:	itched /ɪtʃt/
pass /pæs/	:	passed /pæst/

- 1) What phonetic feature do the final sounds of hope, cook, itch, and pass have in common? (5 points)

voiceless

- 2) The change of past tense /-d/ to [-t] in the verbs listed above is an example of what type of phonological change? (5 points)

assimilation

- b. The pronunciation of the suffix change to [-ɪd] following other verbs:

<u>Present</u>			<u>Past</u>	
fit	/fɪt/	:	fitted	/fɪtɪd/
rate	/reɪt/	:	rated	/reɪtɪd/
load	/ləʊd/	:	loaded	/ləʊdɪd/
trade	/treɪd/	:	traded	/treɪdɪd/

- 1) What two phonetic features do the final sounds of fit, rate, load, and trade have in common (hint: the consonant of the past tense suffix also shares these two phonetic features)? (10 points)

alveolar and stop

- 2) The change of past tense /-d/ to [-ɪd] in the verbs listed above is an example of what type of phonological change? (5 points)

insertion (epenthesis)

EXTRA CREDIT (10 points)

Write out the following sentence, given in IPA symbols, in everyday English spelling.

[ðɪs.ɪŋ.gəlɪʃ.sən.tns.ləks.streɪndʒ.rɪt.n.ɪn.fə.ʊn.ɪk.sɪm.blz]

This English sentence looks strange written in phonetic symbols.