Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

NetID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Discussion section: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Linguistics 1010 – Week 3**

**Make-up assignment**

For this assignment use notes from the lectures to help you. You can use the IPA chart from Lecture 3.

1. *Phonological rules in Spanish*

Examine the following piece of data from Spanish and write phonological rules.

1. The past participle form of “give” in Spanish is pronounced [daðo]. Its underlying representation is [dado]. Please write a phonological rule that explains this and specify the context for this rule (It applies in between two vowels.). (You can use IPA; you don’t have to use articulatory features.)

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1. The singular form of “you” in Spanish is pronounced [usteð]. Its underlying representation is [usted]. Please modify the context of the rule you wrote in A so that it includes this case too. (You can use IPA; you don’t have to use articulatory features.)

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1. The present participle form of “give” in Spanish is pronounced [dando]. Its underlying representation is [dando]. Please write a phonological rule that explains this. (You can use IPA; you don’t have to use articulatory features.)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. *Phonological rules in English*

The prefix [in] means “not” in English. We can attach it to other words, such as *intolerable* and *indefinable*. But with some words its pronunciation changes.

1. Write a phonological rule in articulatory features for the pronunciation change that occurs in these two words:

Word Underlying representation Surface representation

impossible [inpɑːsɪbl] [impɑːsɪbl]

imbalance [inbæləns] [imbæləns]

rule: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write a phonological rule in articulatory features for the pronunciation change that occurs in these two words:

Word Underlying representation Surface representation

incomplete [ɪnkəmpliːt] [ɪŋkəmpliːt]

inglorious [ɪnglɔːriəs] [ɪŋglɔːriəs]

rule: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Now that you’ve written these two rules (in A and B above), can you state in words (not in features) a single, more general rule that would capture both of them?

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1. *Morphemes*

Segment the following words into morphemes using the definition of morpheme from Lecture 5. (If you are a non-native speaker of English, feel free to use a dictionary to look up potential morphemes.)

|  |  |  |  |
| --- | --- | --- | --- |
| unfaithful |  | unthinkable |  |
| underwater |  | unlawful |  |
| until |  | unable |  |
| untied |  | unhappy |  |
| untreated |  | undershirt |  |
| unsuspecting |  | uniform |  |
| uncle |  | untouched |  |
| unprepared |  | unpretentious |  |

List all free morphemes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

List all bound morphemes: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. *Ambiguity and structure-building rules*
2. Please think of a word that is structurally ambiguous in a way that leads to two meanings (like *unlockable*). Do not use a word from the slides. Draw a hierarchical structure for each meaning.
3. Is the pair *liver* ‘an organ’ and *liver* ‘a living person’ structurally ambiguous? Explain why or why not.

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