

Name: _____



Phonetics: The Sounds of Language

Consonants:

1. List 5 of English's alveolar sounds

2. List 5 of English's fricative sounds

3. Using English orthography, provide a word that contains the sounds indicated. DRAW A BOX around the sound's orthographic representation.

a) [j] _____

b) [h] _____

c) [ŋ] _____

4. Using an IPA chart, provide a complete description for the following phonetic symbols.

a) [l] _____

b) [m] _____

c) [dʒ] _____

5. Using an IPA chart, provide the consonant symbol that matches the description.

a) [] velar nasal b) [] voiceless labiodental fricative c) [] glottal stop

d) [] voiced dental fricative e) [] voiceless palatal affricative f) [] palatal glide

6. Write the IPA symbol for the consonant sound in bold.

a) **th**in [] b) church**ch** [] c) **sh**e []

d) **th**ough [] e) rou**gh** [] f) cappucc**cc**ino []

Vowels:

7. Using English orthography, provide a word that contains the vowels indicated. DRAW A BOX around the sound's orthographic representation.

a) [æ] _____

b) [eɪ] _____

c) [aʊ] / [aw] _____

8. Using an IPA chart, provide a complete description for the following phonetic symbols.

a) [ɛ] _____

b) [u] _____

c) [ɔ] _____

9. Using an IPA chart, provide the symbol that matches the description.

a) [] high front unrounded tense vowel b) [] low front unrounded lax vowel

c) [] mid central lax vowel d) [] mid back rounded lax vowel

10. Write the IPA symbol for the vowel sound in bold.

a) thr**ough** [] b) **ough** [] c) hicc**ough** []

d) th**ough** [] e) **ough** [] f) **ough** []

11. Write the English orthography for the following words.

a) [hjuməɹəs]

b) [tʃejndʒ]

c) [ðeɪ]

d) [hɪkʌp]

e) [læŋgwədʒ prənʌnsieʃən]

12. Using the IPA, transcribe the following words.

a) water [_____]

b) knowledge [_____]

c) chewy [_____]

Phonology: Patterns of speech sound

1. Explain the difference between **phonetics** and **phonology**, and give examples of how the fields are the same and how they are different.



2. What is a **minimal pair**?

3. Identify three **minimal pairs** in the following group of words:

| | | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------------|-------------|
| <i>pat</i> | <i>pen</i> | <i>more</i> | <i>heat</i> | <i>tape</i> | <i>bun</i> | <i>fat</i> | <i>ban</i> |
| <i>tale</i> | <i>bell</i> | <i>bit</i> | <i>meal</i> | <i>vote</i> | <i>bet</i> | <i>pit</i> | <i>heel</i> |

1.

2.

3.

4. Circle the consonant that has a different manner of articulation than the others.

[t] [f] [g] [ʔ]

Which manner of articulation do the other three share?

5. Circle the consonant that has a different place of articulation than the others.

[w] [p] [j] [m]

Which place of articulation do the other three share?

6. /p, t, k, ʔ/ form a natural class in English. They have two specifications in common, and are all:

- a) voiceless stops
- b) voiced stops
- c) voiceless fricatives
- d) voiced fricatives

7. **Phonemes or Allophones?** Look at the sounds in bold in the following pairs of words. Are they separate phonemes or allophones of the same phoneme? Give reasons for your analysis.

- a) cup vs. cub [kʌ**p**] vs. [kʌ**b**]
- b) **book** vs. **buck** [bʊ**k**] vs. [bʌ**k**]
- c) ball vs. **plan** [bʌ**l**] vs. [plæ**n**]
- d) **win** vs. **wing** [w**ɪn**] vs. [w**ɪŋ**]
- e) **pill** vs. **spill** [p**ɪ**l] vs. [sp**ɪ**l]

| Underline One | Give your rationale: |
|-----------------------------------|----------------------|
| a. separate phonemes / allophones | |
| b. separate phonemes / allophones | |
| c. separate phonemes / allophones | |
| d. separate phonemes / allophones | |
| e. separate phonemes / allophones | |