A. Mental grammar

1. Which of the following rules are part of the mental grammars of some (or all) native English speakers?

   a. A simple English sentence consists of a subject followed by a verb optionally followed by an object.

   Examples:
   “John_{SUBJECT} saw_{VERB} Mary_{OBJECT}”
   “John_{SUBJECT} ate_{VERB}”

   b. It is incorrect to say “Me and Mary went to the store;” the correct form is “Mary and I went to the store.”

   c. The pairs of words “am not”, “are not” and “is not” can all optionally be shortened to “ain’t.”

   Example:
   “I am not here”
   ⇒ “I ain’t here.”

   d. It is incorrect to say “None of the boys are here;” the correct form is “None of the boys is here.” (Since “none” is short for “not one”, and you would say “not one of the boys is here” rather than “Not one of the boys are here.”)

   (4 points)

Phonetics problems on next page.
B. Phonetics

2. Transcribe the following words into IPA format (remember to enclose transcriptions in square brackets):
   
   a. thigh
   b. breathe
   c. women
   d. whale
   e. cringe
   f. choice
   g. moon
   h. heat
   i. wrapped
   j. torch
   k. fellow

   (11 points)

3. Write the English spelling for the following IPA-transcribed words:
   
   a. [ʧeɪsɪŋ]
   b. [ʃu]
   c. [dɑʊt]
   d. [sɪmˈfɒni]
   e. [pæθ]
   f. [ki]
   g. [fɛðəɹ]
   h. [sɛd]
   i. [tin]
   j. [kwɪz]

   (10 points)

4. Write the following sentences in IPA format:

   a. Phonetics is the study of speech sounds.
   b. I think linguistics is very interesting.

   (10 points)
5. Name the natural classes formed by the following sets of sounds:
   a. [i, ɪ, æ, ɛ]
   b. [v, z, ð, ʒ]
   c. [m, n, ɳ]
   d. [ʃ, ʒ, ʧ, ʤ]
   e. [k, g, ŋ]

   (5 points)

40 points total