

Final Exam

Remember to pace yourself. Answer ALL the questions.

Part I Short Answer Questions

1. Define the following terms and provide an example where it is relevant: (12 pts)

Dyslexia, dialect

2. Hubert says, 'My sister Melba never eats any green vegetables.' (P.S. Answer does not require explanation) (6 pts)

- Does this entail or presuppose that Melba would not eat spinach if it were offered to her?
- Does this entail or presuppose that Hubert has a sister?

3. Explain why there is no entailment relation between the following two sentences: (6pts)

- ABC filters remove bacteria from your drinking water.
- If you use ABC filters, your drinking water will be free of bacteria.

4. Researchers interested in studying language and/in the brain have observed that the contra-lateral function of the brain interacts with language processing. Provide a brief description of one study that illustrates this observation. (10 pts)

5. (a) What is a metaphor? (10pts)

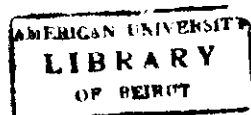
(b) In the sentences that follow identify the word (or phrase) that is used metaphorically and determine, for each set of sentences, the basis for each metaphor.

- Example:**
- They got into a heated argument
 - She gave him an icy stare
 - He gave her the cold shoulder

The metaphors in (i-iii) describe human relations in terms of *temperature*.

- This lecture is easy to digest
- He just eats up the lecturer's words
- Chew on this thought for a while
- Listen to this juicy piece of gossip

6. The following utterances were made either by Broca's aphasics or Wernicke's aphasics. Explain briefly why you think which utterance is made by which type of aphasic. (12pts)



- a. yes, I, uh, can't hill all of my way. I can't talk all of the things I do, and part of the part I can go alright, but I can't tell from the other people.
 - b. Lower Falls, uh, Maine, uh, paper. Four hundred tons a day! And, uh, sulphur machines, and, uh, eight hours, uh, no! twelve hours, fifteen hours, uh, workin', uh, workin', workin'!
8. For each of the following excerpts name a (Gricean) maxim that has been violated and explain how. What is the intended meaning in each case? (9 pts)
- (a) A: Did you get hold of Carl yet?
B: I tried to call him yesterday.
 - (b) *In an American Courtroom*
A: Please state the location of your right foot immediately prior to impact.
B: Immediately before impact, my right foot was located at the end of my right leg.

Part II Long Answer Question (35pts)

Research in language has shown that language comprehension and language production are two independent processes. From what you know about bilingual language acquisition and the studies about language and the brain, provide two types of evidence to that effect. How does this observation relate to brain modularity?