Shortie 1

Due BY E-MAIL Tuesday SEPTEMBER 22, 2009.

I. Correct or Incorrect with respect to single quotes?

1. The word justice might mean different things to different people.
2. Honesty has seven letters.
3. Honesty is the best policy.
4. ‘Justice’ has seven letters.
5. ‘Justice’ is a virtue.
6. ‘Cat’ refers to ‘cats’.
7. Cat refers to ‘cats’.
8. ‘Cat’ refers to cats.
9. ‘Cat’ refers to ‘Cat’.
10. I argued: “You are using infraction in a different way than the rulebook does.”

II. According to Russell, what are the logical forms of each of the following sentences? (You may follow the form we used in class. E.g. Everything is fair = ‘x is fair’ is always true. Or you may use logical notation, if you feel comfortable.)

a. All humans are mortal.
b. Nothing is red and green.
c. A golden mountain does not exist.
d. The center of the universe is a fixed point.
e. He saw no one.
f. Cats are mammals.

III. Answer each question in a paragraph or two. Be sure to use your own words.

1. In the first paragraph of “On Sense and Reference”, Frege writes, “‘a=a’ and ‘a=b’ are obviously statements of differing cognitive value”. Explain what Frege means by this.
2. Frege claims: “The reference and sense of a sign are to be distinguished from the associated idea” (8). Explain what Frege means by this by comparing/contrasting his notions of sense, reference and associated idea. (The Moon analogy he gives might be helpful here.)
3. According to Russell, the sentence “The present King of France is not bald” is ambiguous. What are the two ways that we could translate this sentence into logical form? One of the translations will solve the puzzle created by the Law of the Excluded Middle. Which one and how does it solve the puzzle?
4. According to Russell, what is the difference between a chair that we call "real" and one that exists only in our dreams or hallucinations?