

Answers to free response questions:

1. May include some words about how evolution made us have certain behaviors because they may be helpful, remembering that evolution is random, but natural selection is not, the relationship between sociobiology and evolution, or the evolution and cataloging of ants. Must include evidence and/or examples.
2. Should have a clearly stated position, and display reasoning backed by evidence.
3. Could discuss the overlaps between the subjects, or what Wilson might have done had he not studied myrmecology.
4. This should include some words about how the idea that human behavior was influenced by genes was strange to many, and it was even offensive to some. The next answer could go many ways, as it asks whether or not the students agree with Sociobiology. Any opinion is correct as long as it is explained well with evidence. Here are two examples: "I agree with the idea of sociobiology because communication is a central part of behavior, and it makes sense that it would be influenced by genetics, especially our voice box and language center of the brain." or:
"I do not agree with sociobiology, as we are such complex animals I think it impossible for 30,000 genes to lay out our behavior, as well as our body structure and brain."
5. Answer should include an opinion supported by evidence. It may discuss how scientific experiments are performed, the scientific method, and/or the ethics of experiments involving animals.
6. Describes Wilson's attitude toward opponents of his theories, and includes personal assessment or opinion. It outlines the idea of what makes a good attitude and why Wilson's does or does not fall into this category.