What Is Bioinformatics and How Is it Used?

1. Define the term "bioinformatics" and explain why this branch of biology requires the use of computers.

2. Indicate what types of information are stored in databases relative to molecular genetics.

3. Define the term "homologous genes" and indicate why they are important in biological research.

4. Explain how the computer program BLAST is used.

5. Regarding the Human Genome Project:
   describe, in general terms, how it was performed (reading assignment).

   indicate two political questions/problems that have arisen as a result of this project.