Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ EID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Topic #8: Gene Therapy versus Human Germline Modification

Pre-discussion questions. Answer briefly. Use only the space provided. Do not exceed one page.

1. What disease is the article on gene therapy mainly about? How does the treatment work? (What gene and how is it delivered?)
2. What was the main change in gene therapy covered in the article between the way it was initially implemented and how it is implemented today? What problem does this avoid?
3. What is eugenics? Give a 2-3 sentence definition.
4. What is an example of an edit to the human genome that you would consider ethically justified. **Be specific.** Mention a gene, disease, condition, trait, etc. that is being altered.
5. If you had to write a law or medical code of conduct, how would you define a change to the human genome via gene therapy / germline editing / genome synthesis that was **not** justified?