

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

## Topic: Bioterrorism

Pre-discussion questions. Answer briefly. Use only the space provided.

- 1) What historical event involving bioterrorism or biological warfare from the reading surprised you most (other than the polio virus and H5N1 studies)? Why?
- 2) What is meant by the term **dual-use research**?
- 3) What is the relevance of being able to chemically synthesize poliovirus to bioterrorism?
- 4) Give the protein and amino acid change for one mutation that the researchers introduced into the H5N1 avian flu before beginning their successful airborne transmission trials. Why did they introduce this mutation? What is its effect on viral infection?
- 5) Do you think that research that can identify mutations that make pandemic viruses more lethal or transmissible should be continued? YES or NO is sufficient.