# **Lab 4: Endocrine system – “Virtual rat”**

## **POST-LAB WRITE-UP (15 pts)**

Name (s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. (2 points) What was *hormone 1*? Explain your reasoning process to determine your answer.
2. (2 points) What was *hormone 2*? Explain your reasoning process to determine your answer.
3. (2 points) What was *hormone 3*? Explain your reasoning process to determine your answer.
4. (2 points) What was *hormone 4*? Explain your reasoning process to determine your answer.
5. (2 points) What was *hormone 5*? Explain your reasoning process to determine your answer.
6. (2 points) What was *hormone 6*? Explain your reasoning process to determine your answer.
7. (2 points) Provide one example of negative feedback regulation from the lab exercise.
8. (1 point) What is the physiological relationship between the hypothalamus and the pituitary gland?