

Name _____ Date _____ Per _____

Study Guide Chapters 38 – 40

Human Systems: Use the Study Guide Chapter summaries to answer the following questions.

38-2 The Process of Digestion

1. What is the function of the digestive system?
2. What is mechanical digestion and where does it happen?
3. What is chemical digestion and where does it happen?

38-3 The Excretory System

4. What is excretion and what kinds of substances does the body need to excrete?
5. What are the organs of the excretory system?
6. What is urine and what is it composed of?

39-1 The Endocrine System

7. Hormones are secreted by the endocrine system. What are hormones?

39-3 The Reproductive System

8. What is the function of the male reproductive system?
9. What is the function of the female reproductive system?

10. Where is the egg made and where does it get fertilized?

11. What happens if the egg is not fertilized?

12. What is fertilization?

40 – 1 Infectious Disease

13. What is a disease and what produces disease?

14. What is a pathogen and how do they cause disease?

15. Name the five types of pathogens.

16. Name the three ways that infectious diseases are transmitted.

17. What is the difference between an antibiotic and antiviral drugs?

40 – 2 The Immune System

18. What is immunity?

19. The _____ is the most important nonspecific defense.

20. Describe the inflammatory response.

21. What is an interferon?

22. What is an antigen?

23. Describe humoral immunity.

24. Describe cell-mediated immunity.

25. What is a vaccination?

26. What is the difference between active and passive immunity – provide an example of each.