Concepts of Health and Disease

Name: Hour Date:

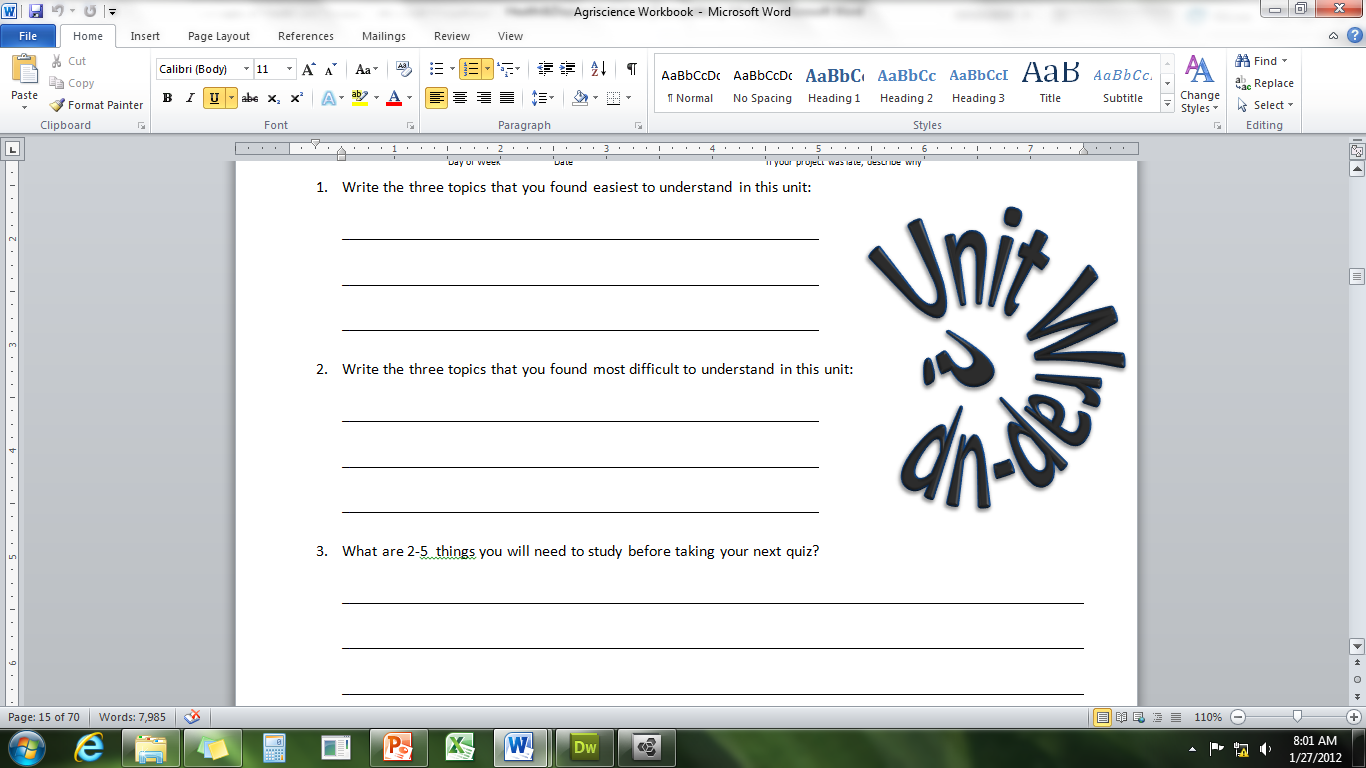
1. Define “health”:
2. Define “normal”:
3. Define “disease”:
4. Define “noninfectious disease”:
5. Define “infectious disease”:
6. Define “pathogen”:
7. Define “host”:
8. Define “virulence”:
9. Define “contagious”:
10. What are examples of noninfectious disease?
11. What are examples of infectious disease?
12. How can a disease be infectious and not contagious?
13. Define “vector”:
14. Diseases spread by vectors tend to be more . Why?
15. What are the first lines of defense against pathogens in animals?   
      
       
    1. What are other ways in which the body prevents infection?
16. Define “resistance”:
17. Define “immunity”:
18. Define “active immunity”:
19. Define “passive immunity”:
20. Define “natural immunity”:
21. Define “artificial immunity”:
22. Define “herd immunity”:
23. Define “indirect immunity”:
24. Define “herd resistance”:
25. Define “antibody” and describe their function :
26. Define “antigen” and describe its function :
27. What is the difference between an antibody and an antigen?
28. Define “immune response” and describe its purpose:
29. How does a benign microbe become a pathogen?
30. Draw and label all the parts of the disease triangle below:
31. What are the three things needed for a disease to occur? List and describe:

1.   
  
2.   
  
3.

1. What are four factors that affect the rate and severity of disease transmission? List and describe below:
2. What are four factors that reduce the rate and severity of disease transmission? List and describe below:
3. How does sanitation reduce the prevalence of disease?
4. Describe 3 ways in which a farmer could reduce the rate of disease and explain how each measure would help:  
     
   1.   
     
   2.   
     
   3.

Unit Wrap-up 

Name: Hour Date: Group #

1. Write the three topics that you found easiest to understand in this unit:  
     
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2. Write the three topics that you found most difficult to understand in this unit:  
     
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3. What are 2-5 things you will need to study before taking your next quiz?  
     
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4. What questions do you still have?   
     
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