Concepts of Health and Disease by C Kohn

Name: Hour Date:

Date Assignment is due: Why late? Score: + ✓ -
 Day of Week Date If your project was late, describe why**Unit Preview** – complete before you start your notes. This is a pre-test to see what you already know and understand.

What is the difference between a disease and a symptom?

How do you become immune to a disease?

*Page through this notesheet. Then answer the questions below:*
Circle one: *I need to review my notes & practice before the quiz.* Definitely – Yes – Sort of - No

Circle one: *I have never seen or heard of some of these concepts.* Definitely – Yes – Sort of - No

Circle one: *This may be a challenging unit for me personally.* Definitely – Yes – Sort of - No

Circle one: *I may need extra strategies for some topics/vocab.* Definitely – Yes – Sort of - No

**Weekly Schedule:**
Mon

Tues

Wed

Thurs

Fri

Define “disease” in your own words below:

What is the difference between infectious and contagious?

**Directions**: Use the accompanying PowerPoint (<http://bit.ly/disease-concepts>) to complete this sheet. This sheet will be due upon the completion of the PowerPoint in class. These assignments are graded on a +/√/- scale.

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:

	1.
	2.
	3.
	4.
2. What are four factors that reduce the rate and severity of disease transmission? List and describe below:

	1.
	2.
	3.
	4.
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 C. Kohn, Agricultural Sciences - Waterford WI

This page is designed to help raise your grade while enabling you to develop skills you will need for after high
school. You will need to complete every question and blank in order to receive full credit for your notes. Note: if you cannot come up with a strategy to remember a difficult concept on your own, see your instructor for help.

1. What is a topic or concept from this unit that you found to be more challenging? Write or describe below:

In the space below, create a mnemonic, rhyme, analogy, or other strategy to help you remember this particular concept:
2. What is a 2nd topic or concept from this unit that you found to be more challenging? Write or describe below:

In the space below, create a mnemonic, rhyme, analogy, or other strategy to help you remember this particular concept:
3. What is a 3rd topic or concept from this unit that you found to be more challenging? Write or describe below:

In the space below, create a mnemonic, rhyme, analogy, or other strategy to help you remember this particular concept:
4. Circle the most appropriate response. You will only be graded on whether or not you completed this section, so be entirely honest with yourself when completing this section.

Circle one: *I used my notes outside of class to prepare for the quiz.* Definitely – Yes – Sort of - No

Circle one: *I took extra notes in the margins for very difficult concepts.* Definitely – Yes – Sort of - No

Circle one: *I created a personal strategy for at least three difficult items.* Definitely – Yes – Sort of - No

Circle one: *I was very involved and actively studying during the quiz review.* Definitely – Yes – Sort of - No

Circle one: *I think I will be satisfied with the quiz grade I received this week.* Definitely – Yes – Sort of - No

Circle one: *I might need to meet with the instructor outside of class.* Definitely – Yes – Sort of - No