

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## **Chapter 11 - Lesson 1**

### **Nutritional Diseases**

#### **Questions**

1. An animal's water requirement is determined by what three factors?
  
2. List three reasons that calcium is important in the body.
  
3. What nutritional concerns would you have about cattle grazing on lush, well-fertilized pastures of wheat, oats, barley, or other cereal grains?
  
4. Describe the signs of milk fever in cows and dogs.
  
5. List four problems caused by vitamin A deficiency.
  
6. Describe signs of secondary hyperparathyroidism in horses. What dietary changes would you make to correct the problem?
  
7. What health complications may arise in a cat that is fed only dog food?
  
8. List some causes of colic in horses. What signs would a horse exhibit if it were suffering from colic?
  
9. What health problems might arise in a horse that invaded a feed shed and gorged itself on grain?
  
10. List three conditions that will increase an animal's nutritional needs.

### Fill-in-the-Blank

11. Water makes up about \_\_\_\_\_ percent of an animal's body composition.
12. Proteins, carbohydrates, and \_\_\_\_\_ are compounds that supply an animal with energy.
13. Vitamin \_\_\_\_\_ is formed in the skin of animals exposed to sunlight.
14. Phosphorous is essential for \_\_\_\_\_, \_\_\_\_\_, nutrient transport, and energy utilization.
15. \_\_\_\_\_ is the compulsive eating of non-nutritive substances that shows the animal is trying to fulfill a nutritional deficiency.
16. \_\_\_\_\_ is a condition in cattle that results from a magnesium deficiency.
17. Night blindness is a condition caused by a \_\_\_\_\_ deficiency.
18. Cats require the amino acid \_\_\_\_\_ in their diet.
19. \_\_\_\_\_ is the belching movement that cattle use to remove gases from the rumen.
20. \_\_\_\_\_ is a condition in horses characterized by slow intestinal movements and gas buildup in the intestines.