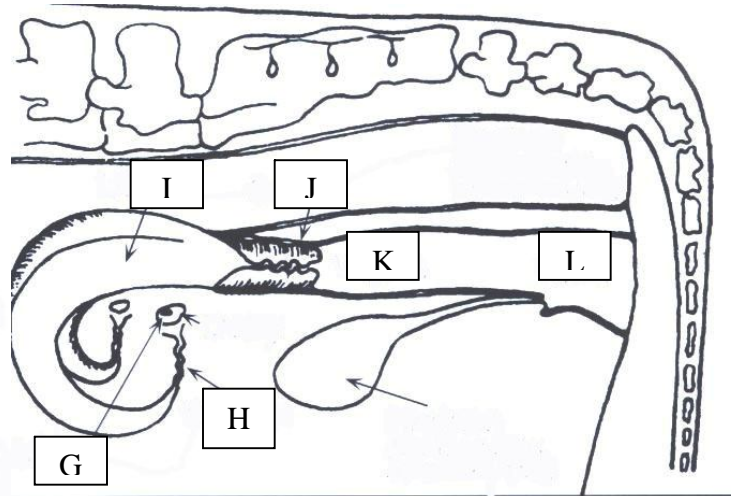
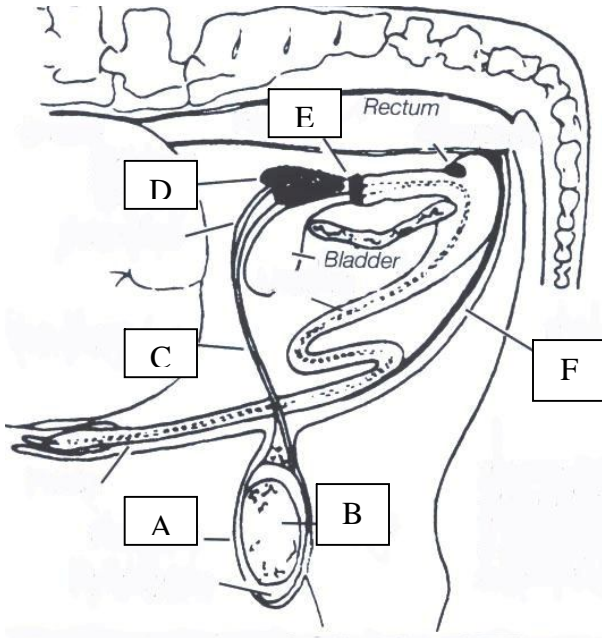




4-H Dairy

Name: _____ 4-H Club _____

Reproductive System: Please write the correct name of the dairy reproductive system on the line provided for the correct letter, plus identify which picture is the female system versus the male.



_____ Reproductive System

A. _____
 B. _____
 C. _____
 D. _____
 E. _____
 F. _____

_____ Reproductive System

G. _____
 H. _____
 I. _____
 J. _____
 K. _____
 L. _____

Careers, Processing, Products, Pricing - Fill in the blanks: Please write the correct answer on the line provided to correctly complete the statement.

1. What are the two types of mastitis and how are they different?

2. What components in milk determine milk prices?
 - A. _____
 - B. _____
 - C. _____
3. If you were to take a career in agribusiness, what would it be and why? _____

4. How long should it take for most cows to milk out? _____
5. If you were to take a career in agribusiness, what would it be and why? _____

6. When preparing for a career in the livestock industry one should take what science courses? _____ Plus their mathematics courses should include _____

7. What are the four major areas of career groups in Animal Sciences?
 - A. _____
 - B. _____
 - C. _____
 - D. _____
8. What organization regulates the dairy industry? _____
9. The prevention of bacteria from growing in milk occurs in what temperature range? _____
10. What is the difference in the aging process of mild cheddar cheese versus sharp cheddar cheese? _____
11. What are three characteristics milk has that create challenges in marketing.
 - A. _____
 - B. _____
 - C. _____

Matching Mammary Health: Please write the letter of the definition with the matching word related to mammary health.

- | | |
|----------------------|--|
| 1. _____ Clinical | A. visible changes in the milk |
| 2. _____ CMT | B. no visible changes in the milk, udder or cow, but SCC are above normal |
| 3. _____ Mastitis | C. bulk samples to test for mastitis |
| 4. _____ SCC | D. inflammation or infection of the mammary gland |
| 5. _____ Subclinical | E. somatic cells in the milk, greater than 150,000 indicates mastitis problems |
| 6. _____ WMT | F. quick and easy mastitis test done in the parlor |

Answers to these questions can be found in the "Dairy Resource Handbook" 4-H 127R