

2008 Tarleton State University Invitational Dairy Cattle CDE Management Quiz

- What percentage of whole milk is fat when compared on a dry matter basis?
 - About 10 percent
 - About 50 percent
 - About 25 percent
 - Exactly 100 percent
- Dry cows need 0.8 percent K in their diet. What element is K?
 - Potassium
 - Calcium
 - Phosphorus
 - Lead
- What does the term freshen mean in relation to dairy production?
 - To become pregnant
 - To give birth
 - To stop producing milk
 - None of the above
- What does NFDM stand for?
 - Nonfat Dry Milk
 - No Fun Dairy Mandate
 - Nonfat Dairy Milk
 - National Forum of Dairy Milklers
- What are the two types of ovarian cysts?
 - follicular and luteal
 - follicular and horn
 - ovum and luteal
 - follicular and ovum
- One American farmer produces enough food to feed how many people?
 - 130
 - 128
 - 150
 - 1,028
- Approximately how many gallons of blood pass through the udder for each gallon of milk produced?
 - 100-200 gallons
 - 200-300 gallons
 - 300-400 gallons
 - 400-500 gallons
- What are the two main problems that effect reproduction?
 - Heat detection and heat stress
 - Heat detection and conception rates
 - Heat detection and cold stress
 - Heat detection and ovarian cancer
- What are ways to avoid milk fever in cows?
 - Feed low-potassium hay and/or silage to dry cows
 - Adding anionic salts to the dry cow ration
 - Fasting dry cows two weeks before calving
 - Both a and b
- What is the optimal length of the dry period?
 - 5 to 10 days
 - 20 to 30 days
 - 50 to 70 days
 - 100 to 130 days
- What is the most essential nutrient in animal feeding and health?
 - Silage
 - Calcium
 - Water
 - Salt
- What is lactogenesis?
 - The initiation of estrus
 - The initiation of the dry period
 - The initiation of milk secretion
 - The initiation of mastitis
- Endocrinology is the science dealing with _____.
 - Lipids
 - Hormones/chemical substances
 - Carbohydrates
 - The lymphatic system
- Alfalfa is an example of what?
 - Legume
 - Forage
 - Protein source
 - All of the above
- What is intravenous injection?
 - It is administered in the muscle
 - It is administered under the skin
 - It is the administration of medication to a cow via the blood vessels
 - It requires the tented method
- When a small metal object punctures the stomach wall and leads to infection, the resulting disease is.....
 - Milk fever
 - Mastitis
 - Hardware disease
 - Black leg
- This disease is transmitted through natural mating and causes abortion, low conception rates, and irregular heat cycles.
 - Milk fever
 - Vibriosis
 - Hardware disease
 - Black leg
- Milk should be below what temperature before it is transferred to a milk truck?
 - 60 degrees F
 - 20 degrees F
 - 30 degrees F
 - 40 degrees F
- _____ represents the largest daily input cost to produce milk.
 - Labor
 - Water
 - Animals
 - Feed
- The top-producing county in Texas (at this time) is _____.
 - Erath
 - Brazos
 - Comanche
 - Wharton
- What manure waste management puts solids in a bin and lets it degrade?
 - Slurry
 - Composting
 - Solid
 - Lagoon
- Which mineral functions in maintaining osmotic pressure, acid-base balance, and body fluid balance?
 - Sodium
 - Selenium
 - Sulfur
 - Zinc
- What is NAFTA?
 - North American Forage Trade Association
 - North American Free Trade Agreement
 - North American Free Trade Association
 - North African Free Trade Association
- How many days after breeding can a pregnancy be detected by ultrasound?
 - Between 28 to 30 days
 - Before 14 days
 - Between 14 and 28 days
 - Between 30 and 55 days
- Which mineral is found in high concentrations in soft tissues such as the pancreas, liver, and kidney?
 - Sulfur
 - Sodium
 - Zinc
 - Selenium