

2007 Tarleton State University Invitational Dairy Judging Contest Management Quiz

- A rolling herd average (RHA) is based on how many months?
 - One
 - Twelve**
 - Twenty four
 - Lifetime of the cow
- 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
- Body condition scores from 1 to 5 are used to track herd health and nutrition. Dry cows should have a body score from:
 - 0.5-1.0
 - 2.0-2.5
 - 2.5-3.0
 - 3.5-4.0**
- 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
- When does the greatest mammary tissue growth occur during a cow's life?
 - Before she is born
 - At puberty
 - During the first pregnancy**
 - During the second pregnancy
- 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**
- A condition of low blood calcium which results in partial paralysis is....
 - Milk fever**
 - Bovine virus diarrhea
 - Hardware disease
 - Brucellosis
- 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
- As a rule of thumb when milk production _____, the fat content _____.
 - Decreases, increases**
 - Decreases, decreases
 - Increases, increases
 - Stops, increases
- _____ 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
- The breed of dairy cattle that can be roan, all red, all white, or even spotted red and white is:
 - Holstein
 - Ayrshire
 - Guernsey
 - Milking Shorthorn**
- Which mineral is found in high concentrations in soft tissues such as the pancreas, liver, and kidney?
 - Sulfur
 - Sodium
 - Zinc**
 - Selenium
- A bovine female which has not had a calf is a(n):
 - Filly
 - Doe
 - Cow
 - Heifer**