

# 2008 Tarleton State University Area Dairy Cattle CDE Management Quiz

- What do nonstructural carbohydrates consist of?
  - Proteins
  - Plant proteins, pectin, and sugar
  - Plant sugars
  - Plant starch, pectin, and sugar
- Fermented forage plants refers to:
  - Flash grazing
  - Strip grazing
  - Hay
  - Silage
- What acid is formed when nonstructural carbohydrates are digested in the rumen?
  - Lactic acid
  - Citric acid
  - Propyl-hydro chloride
  - Propionic acid
- What combines the Predicted Transmitting Ability for protein, fat, type and udder composite index and ranks the animal on its ability to transmit a balance of these four traits
  - Herd Type Production Index
  - Pedigree Type Production Index
  - Type Production Index
  - Total Production Index
- A cow's gestation period is how long?
  - 1 day
  - 1 year
  - 9 months
  - 15 months
- To the hundredth, how many pounds of milk are in one gallon?
  - 8.52 pounds
  - 8.72 pounds
  - 8.92 pounds
  - 8.62 pounds
- The hooks and pins on an animal relate most closely to the:
  - Thigh
  - Feet and legs
  - Rump
  - Udder
- Which part of an animal touches the ground if he/she is walking on a correct set of feet and legs?
  - Knee
  - Pastern
  - Sole
  - Dewclaw
- When did the number of dairy cows in the United States reach a peak?
  - 1930
  - 1956
  - 1946
  - 1995
- \_\_\_\_\_ represents the largest daily input cost to produce milk.
  - Labor
  - Water
  - Animals
  - Feed
- Crude fiber in the diet must be at least \_\_\_\_% or fat % will decrease.
  - 5
  - 8
  - 12
  - 18
- Cows have \_\_\_\_\_ streak canals per teat.
  - 1
  - 2
  - 3
  - 4-8
- The source of rennet (a substance added in cheesemaking) is:
  - A tropical plant
  - Sugar beets
  - The abomasum of a milk fed calf
  - Insects
- Legally you cannot make cottage cheese from raw milk, but you can make \_\_\_\_\_ from raw milk.
  - Yogurt
  - Cheddar cheese
  - Ice cream
  - Sour cream
- What is the fat content of heavy cream?
  - 28%
  - 30%
  - 33%
  - Greater than 36%
- How frequently should an average cow freshen?
  - Once every 24 months
  - Once every 12 months
  - Once every 20 months
  - Only once in her lifetime
- Which dairy breed has the restriction for no black markings allowed?
  - Jersey
  - Guernsey
  - Ayrshire
  - Milking Shorthorn
- What do the letters NRC stand for?
  - National Research Company
  - National Research Council
  - National Research Chapter
  - National Rehabilitation Center
- What agency regulates waste management?
  - Texas Health Commission
  - Texas Commission of Environmental Quality
  - Environmental Preservation Agency
  - Texas Animal Commission
- The two U.S. dairy breeds that originated in the Channel Islands off the coast of France are:
  - Jersey and Holstein
  - Guernsey and Jersey
  - Milking Shorthorn and Guernsey
  - Ayrshire and Holstein
- When did the World Dairy Expo start sponsoring a collegiate judging contest?
  - 1948
  - 1958
  - 1968
  - 1978
- \_\_\_\_\_ causes abortion in the last trimester of pregnancy.
  - Milk fever
  - Bovine virus diarrhea
  - Hardware disease
  - Brucellosis
- Fear can disrupt milk letdown in a cow. The hormone released that causes this disruption is:
  - Progesterone
  - Epinephrine
  - Estrogen
  - Prostaglandin
- The most common pathogen found in raw milk is:
  - Cryptosporidia
  - Escherichia coli*
  - Campylobacter
  - Salmonella
- Milking herd TMR's should be available to cows how many hours throughout the day?
  - 5 to 9
  - 10 to 12
  - 15 to 18
  - 20 to 24