

Tarleton Dairy Cattle CDE Questions – Invitational

22

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Tarleton Invitational FFA Dairy Judging Contest

Exam

Please choose the correct answer for the questions below.

1. Abortion in the last trimester of pregnancy is often caused by _____.

- A. Brucellosis
- B. Bovine virus diarrhea
- C. Hardware disease
- D. Milk fever

2. Fear can disrupt milk letdown in a cow. The hormone released that causes this disruption is:

- A. Oxytocin
- B. Epinephrine
- C. Progesterone
- D. Prostaglandin

3. One ejaculation from a bull typically contains _____ sperm

- A. 1,000,000
- B. 500,000
- C. 50,000,000
- D. 5,000,000

4. How much more energy do fats contain per unit than carbohydrates and proteins?

- A. 3
- B. 3.25
- C. 2
- D. 2.25

5. About 90% of U.S. dairies use a _____ milking schedule.

- A. Milk on Demand
- B. Twice/day
- C. Three times/day
- D. Once/day

6. Which of the compartments of a cow's four-compartment stomach acts as the true stomach?

- A. Reticulum
- B. Omasum
- C. Abomasum
- D. Rumen

7. What are two methods for shortening udder hair?

- A. Electrolysis and waxing
- B. Singeing and waxing
- C. Clipping and straight razor shaving
- D. Clipping and singeing

8. Milking time is best reduced by:

- A. Preparing cows properly
- B. Decreasing vacuum
- C. Speeding up pulsators
- D. Increasing vacuum

9. The first feeding of colostrum should equal about _____ percent of the calf's body weight?

- A. 2
- B. 1
- C. 10
- D. 5

10. The rear quarters produce _____ % of the daily milk yield.

- A. 20%
- B. 80%
- C. 60%
- D. 40%

11. Texas dairies normally must be permitted by the _____ before they begin operations.

- A. Texas Commission on Environmental Quality
- B. Dairy Herd Improvement Association
- C. Texas Farm Bureau
- D. Environmental Protection Agency

12. Which one of the following is NOT classified as a water soluble-vitamin?

- A. Niacin
- B. Vitamin A
- C. Biotin
- D. Folic acid

13. What do nonstructural carbohydrates consist of?

- A. Proteins, Acids, and Alkalis
- B. Plant sugars, Lactic Acid, and Potassium
- C. Plant proteins, Pectin, and Sugar
- D. Plant starch, Pectin, and Sugar

14. Generally, high-producing Holsteins eat _____ pounds of dry matter per day?

- A. 25-30
- B. 75-100
- C. 45-55
- D. 10-20

15. The dairy breed which produces the highest volume of milk is the:

- A. Ayrshire
- B. Holstein
- C. Brown Swiss
- D. Milking Shorthorn

16. When referring to vaccinations, what do the letters MLV stand for?

- A. Modified Limited Vaccine
- B. Model Linked Viruses
- C. Modified Live Virus
- D. Milk Line Vaccination

17. Milk that is low in SCC has more casein, which is a primary component in _____ ?

- A. Milk
- B. Cheese
- C. Butter
- D. Cream

18. What percent of the cows feed intake is consumed during the daylight hours?

- A. 70%
- B. 65%
- C. 50%
- D. 90%

19. What does NSC stand for?

- A. Nitrogen Standard Calculation
- B. Nonstructural Carbohydrates
- C. Nitrogen Substitute Calories
- D. Nonstructural Carbons

20. As a rule of thumb when milk production _____, the milk fat content _____.

- A. Increases, Increases
- B. Stops, increases
- C. Decreases, Increases
- D. Decreases, decreases

21. To maintain margins, you should be monitoring and making decisions based on your herd's IOFC. What do the initials IOFC stand for?

- A. Income over forage cost
- B. Income over feed costs
- C. Income on feeding cows
- D. Income over finance cost

22. Bulk tanks must be emptied and cleaned every _____ hours.

- A. 48
- B. 72
- C. 84
- D. 120

23. How many days into a pregnancy can a fetus be sexed by ultrasound?

- A. Between 40 and 50 days
- B. Between 14 and 30 days
- C. Before 14 days
- D. After 55 days

24. A condition of low blood calcium, which results in partial paralysis of the cow is known as _____.

- A. Milk fever
- B. Bovine virus diarrhea
- C. Hardware disease
- D. Brucellosis

25. Mule-foot is found most often in _____ dairy breed?

- A. Holstein
- B. Brown Swiss
- C. Guernsey
- D. Jersey

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