

Tarleton State FFA Dairy Judging Contest Exam

Please choose the correct answer for the questions below.

1. All milking equipment must be sanitized:

- A. After each use
- B. Monthly
- C. Daily
- D. Weekly

2. A cow's gestation period is _____ long?

- A 114 days
- B 282 days
- C 365 days
- D 1 day

3. 98% of somatic cells are:

- A. Lymph nodes
- B. Leukocytes
- C. Plasma
- D. Red blood cells

4. Which mineral functions in maintaining osmotic pressure, acid-base balance, and body fluid balance?

- A. Selenium
- B. Zinc
- C. Sodium
- D. Sulfur

5. What mineral is necessary for hemoglobin formation?

- A. Selenium
- B. Copper
- C. Iodine
- D. Zinc

6. When looking at DHI records, what do the letters RHA stand for?

- A. Rolling Herd Average
- B. Regional Holstein Associations
- C. Registered Herd Ancestry
- D. Registered Holstein Ancestry

7. A dairy cow that has her feet too far forward (under her belly) is said to be:

- A. Cow hocked
- B. Splay footed
- C. Sickie hocked
- D. Post legged

8. What type of mastitis is the easiest to cure?

- A. Paratuberculosis
- B. Staph Aureus
- C. Coliforms
- D. Streptococcus agalactiae

9. What is another term for the lowest lateral regions of the abdomen, near the groin?

- A. Inguinal
- B. Gubernaculum
- C. Abomasum
- D. Dorsal

10. When a cow comes into heat every few days, she is referred to as?

- A. Gestation
- B. Anestrus
- C. Lactation
- D. Cystic

11. What does GnRH stand for?

- A. Genotype Reflection Hormone
- B. Genuine Recessive Hormone
- C. Gestation Repression Hormone
- D. Gonadotropin Releasing Hormone

12. The condition in which the cow is giving more milk than nutrients that she is consuming in feed is called:

- A. Positive net energy balance
- B. Over Milked
- C. Negative net energy balance
- D. More milk than feed

13. What bacterium causes Johne's disease in cattle?

- A. Johne's Virus
- B. E-Coli.
- C. Mycobacterium Paratuberculosis
- D. Colostridium

14. According to the American Veterinary Medicine Association, the preferred method of dehorning young calves is _____ .

- A. Cauterizing veins
- B. Gouging
- C. Disbudding
- D. Caustic paste

15. Normal presentation of a calf for parturition will have:

- A. Hind legs towards rear of the cow with head and front legs facing down
- B. One front leg towards rear of the cow alongside head, other front leg down
- C. Buttocks of the calf toward rear of the cow with all 4 legs and head facing down
- D. Front feet toward rear of the cow with head, nose first, between them

16. Dairy Management Inc. introduced the _____ social media program for dairy advocates?

- A. Dairy farming today
- B. Dairy goddess
- C. myDairy
- D. Facebook

17. What acid is formed when nonstructural carbohydrates are digested in the rumen?

- A. Citric acid
- B. Propyl-hydro chloride
- C. Lactic acid
- D. Propionic acid

18. What are the two types of ovarian cysts?

- A. follicular and luteal
- B. ovum and luteal
- C. follicular and ovum
- D. follicular and horn

19. When discussing lactation records, what does the term “fat corrected milk” mean?

- A. The lactation record has an average amount of milk fat
- B. Fat has been extracted from the milk to the correct level
- C. Fat has been added to the milk to the correct level
- D. Lactation records have been adjusted to the same milk fat percentage

20. In the ruminant digestive system, which to the following is the name of first section of the small intestine that is connected to the abomasum?

- A. Ileum
- B. Duodenum
- C. Omasum
- D. Jejunum

21. Which compartment of a dairy cow’s stomach is located closest to the heart and it is a spot where hardware disease occurs?

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

22. Cattle grazing stressed on wilted hybrid sorghum/Johnson grass type pasture, may die as a result of _____ .

- A. Intestinal tract abrasions
- B. Nutrient overload
- C. Prussic acid poisoning
- D. Nutrient starvation

23. A cow with high lactation persistence is important for a dairy’s economic success. Lactation persistency is:

- A. Cows Ability to maintain production under adverse climatic conditions
- B. Cows ability to milk for 500 or more days
- C. Cows Milk production this month divided by production last month X 100
- D. Tendency for a cow to milk for more than 30 minutes/milking

24. What is the most abundant mineral in the body?

- A. Iodine
- B. Copper
- C. Cobalt
- D. Calcium

25. BST is the acronym for what compound?

- A. Barn Somatotropin
- B. Bovine Special Tincture
- C. Bovine Somatotropin
- D. Black Sodium Tapestry