

Wisconsin State Fair

2017 Dairy Supreme Exhibitor

Quiz Answer Key – 1-25

1. Which dairy breed has the most registered animals in the United States?
Holstein
1. Which of the following is NOT a factor that affect a dairy herd's conception rate?
None of the above
2. All cows contribute somatic cells to the bulk tank.
True
3. Which of the following are classified as ionophores?
Rumensin and Bovatec
4. Genomics is _____.
The study of genes or gene products in an organism
5. Which one of the following countries has reported the most cases of BSE since 2003?
United Kingdom
6. What is determined by multiplying the nitrogen content of a feed by 6.25?
Crude Protein
7. Which states leads in the production of butter?
Wisconsin
8. How long does it take for a conventional dairy farm to transition to certified organic?
3 years
9. What is the CMT test used for?
To detect mastitis
10. Where are subcutaneous injections given?
Under the skin
11. What is the targeted body condition scoring for a cow in mid lactation?
2.75
12. How many points are allotted for rear feet and legs on the PDCA Dairy Cow Unified Score Card?
20

13. Which of the following is NOT a primary organism associated with mastitis?

Brucella abortus

14. What does “TMR” stand for?

Total Mixed Ration

15. For dairy cattle, which nutrient is the cheapest, most important and required in the largest quantity?

Water

16. What percentage of all milk sold in the U.S. is pasteurized?

99%

17. Which of the following hormones is responsible for maintaining a cow’s pregnancy by inhibiting the release of GnRH?

Progesterone (P4)

18. Generally, how long can frozen colostrum be safely stored?

1 year

19. What amino acid is essential for milk production and is high in corn distiller’s grain?

Methionine

20. What is the name of the substance in a semen tank that is used to freeze semen straws?

Liquid nitrogen

21. One serving of milk is equivalent to how many ounces?

8 ounces

22. During estrous, follicles develop in a wave-like pattern known as the follicular wave.

What is the correct order of the five phases of a follicular wave?

Recruitment, Selection, Growth, Dominance, Regression

23. What is the name of the heating process used to kill bacteria in milk?

Pasteurization

24. The graph on the right illustrates three factors during the dairy cow lactation curve; Bodyweight, Dry Matter Intake, and Milk Production. Which does the green line represent?

a. **Milk Production**

