

**2021 State Fair of Virginia Junior Dairymen's Contest
Junior Division Test**

Instructions:

- This test consists of 50 true-false questions.
- Answers must be recorded on your Scantron sheet in the "Exam" section.
- A = True and B = False on your answer sheet.
- Each question is worth five (5) points for a total of 250 points.

1. The milk-mineral deposit that may collect on milk handling equipment is keratin.
 2. When showing a dairy animal, the parading circle before the judge should move counterclockwise.
 3. Gail Borden invented the milk bottle.
 4. If colostrum is pasteurized, it should be heated to 140°F for 60 minutes.
 5. Mastitis is the most costly disease in dairy cattle.
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6. The PDCA Showmanship Evaluation Card was revised in 2016.
 7. If a farmer said they were feeding a 16% dairy feed, the 16% is referring to crude protein.
 8. A Holstein cow with a final score of 93 would be classified as "Very Good."
 9. American and Swiss are the most popular varieties of cheese in the United States.
 10. Whey is the fluid by-product of cheesemaking.
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11. Scours and pneumonia are the leading causes of death in young calves.
 12. The name of the Jersey breed association magazine is Jersey Journal.
 13. The National Dairy Shrine Museum is located in Madison, Wisconsin.
 14. A bulk tank only needs to be washed and sanitized once per week.
 15. The Guernsey breed originated in Germany.
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16. National Grilled Cheese Month is celebrated in July.
 17. Butter must contain a minimum of 16% fat.
 18. Lactose is the primary protein found in milk.
 19. Dairy Queen is the fast food chain that uses the most milk in the United States.
 20. It takes ten pounds of whole milk to make a pound of cheese.
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21. Bulk tanks were first used to store milk on farms in 1938.
 22. Cows milked three times per day will normally produce 50 percent more milk than cows milked twice per day.
 23. California is the state with the largest number of organic dairy cows.
 24. Fat-free milk is also called skim milk.
 25. The cow's rumen is also known as the honeycomb.

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26. A mature dairy cow produces 50 to 80 quarts of saliva per day.
 27. Dairy Farmers of American is the largest U.S. dairy cooperative.
 28. Straw is the best material for covering a bunker silo.
 29. An average dairy cow drinks 30 to 50 gallons of water each day.
 30. Alpine, Sable, and Nubian are breeds of dairy goats.
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31. Frozen colostrum may be safely stored for a year.
 32. Forty (40) points are assigned to the "Udder" category on the PDCA Dairy Cow Unified Scorecard.
 33. The main reason that dairy cows refuse to use freestalls is improper size.
 34. Peanut meal is a by-product feed used in dairy rations.
 35. The feed material found in the small intestine is called cud.
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36. The headquarters of the National Milk Producers Federation is located in Arlington, Virginia.
 37. Fortification destroys any disease-causing bacteria that might be found in raw milk.
 38. Acid, bitter, and fruity are common off-flavors in milk.
 39. Iodine is commonly used as a teat dip.
 40. A gallon of milk weighs ten pounds.
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41. Fat are the most concentrated energy source in dairy cattle rations.
 42. Milk taste improves as the protein level in milk increases.
 43. The "Real Seal" lets a customer know that they are buying a genuine dairy product.
 44. The pastern is used as the reference point to determine the height of the udder floor.
 45. The standard length of a DHIA record is 305 days.
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46. An air injector is used to stir milk in a bulk tank.
 47. Milk temperature should be kept below 32°F to maintain the best quality.
 48. Age should be the main reason used for deciding when to wean a calf.
 49. Feed is the largest cost of milk production.
 50. Wisconsin ranked first for total milk production in 2019.

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