

**2019 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. Each question is worth five (5) points for a total of 250 points. Good luck!!

A = True and B = False on your answer sheet.

1. The milk bottle was invented in 1884.
 2. Gail Borden invented the milk bottle.
 3. Jersey milk is known for its golden color.
 4. Udder is the most important trait on the Dairy Heifer Scorecard.
 5. Frozen colostrum may be safely stored for up to a year.
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6. The mature dairy cow produces 50 to 80 quarts of saliva each day.
 7. Straw is the best material for covering a bunker silo.
 8. The vacuum pump stirs milk in the bulk tank to help with cooling.
 9. The first streams of milk stripped from the udder before milking are called foremilk.
 10. Separation is the process that turns cream into butter.
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11. Whey is the fluid by-product of cheese making.
 12. A gallon of milk weighs 8.6 pounds.
 13. Wisconsin is the state with the most dairy cows.
 14. The Jersey Youth Academy was established in 2009.
 15. Dairy Farmers of America (DFA) is the largest dairy cooperative in the United States.
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16. Appalachian is a breed of dairy goats.
 17. A Holstein cow with a final score of 90 would be classified as excellent.
 18. Calf housing should be clean, dry, draft-free, and well-ventilated.
 19. The rumen is the largest of the dairy cow's four stomach compartments.
 20. Limestone is a common mineral supplement.
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21. The milk-mineral deposit on milk handling equipment is called ropy milk.
 22. Dirty equipment can cause high bacteria counts in milk.
 23. Lactose is milk sugar that gives milk its sweet flavor.
 24. Mexico is the country that buys the most dairy products from the United States.
 25. A bushel of corn weighs 100 pounds.

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26. The first cow testing association in the United States was organized in California.
 27. The World Dairy Expo is held in Louisville, Kentucky each year.
 28. Holsteins make up about 90 percent of the U.S. dairy cow population.
 29. A dairy cow may be disqualified from being shown in the show ring for having a blind quarter.
 30. Calves should at least double their birthweight by 8 weeks of age.
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31. A calf is 3 to 4 months old when it begins to chew its cud.
 32. Potassium is the mineral needed by the dairy cow in the largest amount.
 33. Alfalfa is an example of a legume used in dairy rations.
 34. Labor is the largest cost in milk production.
 35. A bulk tank is usually made of stainless steel.
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36. The side-opening milking parlor is the most common type in use today.
 37. Vitamin C is added to milk at the time of processing to prevent rickets.
 38. A sour flavor occurs when there are large numbers of bacteria in milk.
 39. A bulk tank should be washed and sanitized every time it is emptied.
 40. It takes 5 pounds of whole milk to make a pound of cheese.
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41. Idaho produces the most milk per person in the U.S.
 42. If one sees "3X" in a dairy animal's production records, it means the cow has calved three times.
 43. Hoard's Dairyman magazine was first published in 1885.
 44. Kroger is the world's largest yogurt maker.
 45. Jersey World is the name of the Jersey breed magazine.
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46. The leading causes of death in young calves are scours and pneumonia.
47. The rumen is called the true stomach.
48. A cow with a body condition score of 1 is very fat.
49. Flakes, stringy milk, and watery milk are symptoms of clinical mastitis.
50. Monterey Jack is the most popular variety of cheese in the United States.

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