

2018 Dairy Jeopardy Practice Questions

1. Standard color worn by dairy exhibitors

White

2. Color ribbon awarded to Grand Champion at a typical dairy show

Purple

3. Normal gums of a calf should be damp and this color

Pink

4. Color ink recommended for tattooing cows

Green

5. Type of blood cell that helps cows fight diseases and infections

White

6. Common name for nitrogen dioxide found in silos

Brown gas

7. Milk consists of 87% of this nutrient

Water

8. Milk that remains after the formation of curds

Whey

9. This state is number one for total annual U.S. cheese production, producing 26%

Wisconsin

10. Event that features a new theme every year, colored shavings and celebrated its 50th anniversary in 2016

World Dairy Expo

11. A row of cut grain or grass allowed to dry in a field

Windrow

12. State where the first freestall barn was built

Washington

13. Type of knot that should be used to secure your animal

Quick release slip knot

14. Apply this to clipper blades regularly to help them stay cool and sharp

Blade lubricant

15. Term used to describe when an animal is arching her back

Roaching

16. Repeated striking of an animal is considered this level of discrimination on the PDCA Showmanship Evaluation card

Disqualification

17. Oral reasons should always be presented in this tense

Present tense

18. A heifer born in November 2015 would be exhibited in this show class in 2017

Fall yearling

19. State that is home to the largest number of dairy cows

California

20. Country where the mob calf feeder originated

New Zealand

21. Country where International Dairy Week is held

Australia

22. State where the U.S. Secretary of Agriculture hails from

Georgia

23. City and state where AgriTech Analytics is based

Visalia, California

24. Largest expense associated with raising youngstock

Feed

25. Maximum amount of time that should pass before feeding a newborn calf colostrum

2 to 4 hours

26. Frozen colostrum may be safely stored for this long

1 year

27. Disease abbreviated as BRD that can cause significant economic losses on a dairy

Bovine respiratory disease

28. Common product found in kitchen pantries that has received attention as a simple preventative for calf scours

Apple cider vinegar

29. In colostrum, these provide immunity from disease for calves

Antibodies

30. Single largest nutrient need of corn

Nitrogen

31. Typical pH of dairy manure

7 pH

32. Air can penetrate how many feet into the face of a well packed silo

3 feet

33. Minimum stubble height to leave when harvesting forage grasses

4 inches

34. BMR corn has this much greater fiber digestibility than non BMR corn

10%

35. Nutrient known by the abbreviation K

Potassium

36. The passage milk travels from a calf's mouth to the omasum and abomasum

Esophageal groove

37. Minimum number of quarts of colostrum that should be fed to a calf in its first feeding

4 quarts

38. A Brix refractometer or colostrometer can be used to test this before feeding

Colostrum quality

39. Calves housed in a group setting should have at least this many square feet per calf

35 to 40 square feet

40. Amount of a heifer's frame growth that should occur within the first six months of life

50%

41. Maximum amount of time colostrum should be stored in a refrigerator

24 hours

42. In regards to water usage, G/D/C stands for

Gallons per day per cow

43. It would take this proportion of California producers voting yes for a potential California Federal Milk Marketing Order to be approved

Two-Thirds

44. A Pennsylvania dairy attached an observation deck to this structure to provide guests a birds-eye view of Lancaster county

Silo

45. Strong dairy female replacement heifer sales to this Asian country have driven 2017 year-to-date exports

Vietnam

46. You would have to eat this much kale to get the same amount of calcium that you would from drinking an 8-ounce glass of milk

12 cups

47. A big hit at parades a Minnesota farmer made a candy dispenser out of this piece of antique farm equipment

Combine

48. Bovine spongiform encephalopathy

Mad cow disease

49. Infectious keratoconjunctivitis

Pink eye

50. Zea mays

Corn

51. Streptococcus pneumoniae

Pneumonia

52. Medicago sativa

Alfalfa

53. Bos Taurus

Domesticated bovine

54. Longitudinal flap of skin that hangs beneath the lower jaw or neck

Dewlap

55. Category of cow feed that is high in fiber and low in digestible nutrients, and includes legumes and grasses

Forage

56. An immature egg cell of the animal ovary

Oocyte

57. The primary protein in cow's milk

Casein

58. Enzyme that breaks down proteins, and is found in the abomasum

Pepsin

59. An unborn offspring in the process of development

Embryo

60. Date by which transfer must be received by HAUSA for an animal to be eligible for a National Junior Holstein show

June 1st

61. The Holstein Foundation recently held Phase 1 of this program in Phoenix, AZ

Young Dairy Leaders Institute (YDLI)

62. This vitamin plays a role in the coagulation of blood

Vitamin K

63. The building blocks of proteins

Amino acids

64. The actual amount of energy the body can use for growth, lactation, reproduction, and body maintenance

Net energy

65. Carbon, hydrogen, and oxygen are the basic elements contained in these

Carbohydrates

66. When a farmer says he is feeding a 16% dairy feed, this is what the sixteen is referring to

Crude Protein

67. Portion of a feed that remains after water has been removed by drying in an oven

Dry matter

68. Name for crop primarily planted for the protection and enrichment of the soil it is planted in

Cover crop

69. Alfalfa, clover, peanuts and soybeans are examples of this family of plants

Legumes

70. Forage that is a man-made hybrid derived from crossbreeding the small grains wheat and rye, valued for its disease resistance and cold tolerance

Triticale

71. Maximum pH value of properly fermented corn silage

4.2 to 4.5 pH

72. Number of weeks of regrowth alfalfa needs after the last cutting and before the first killing freeze hits to ensure health for the next growing season

5 weeks

73. Percent of energy in corn silage that comes from starch

65%

74. Progesterone-producing structure that develops at the site where the egg was released from the ovary

Corpus luteum

75. Ideal temperature to thaw a straw of semen in preparation for insemination

95 degrees F

76. Research indicates that the reproductive tract requires this many days for involution after a normal calving

30 to 45 days

77. New research suggests adding this essential amino acid to a donor cow's diet enhances the survival of her pre-implantation embryos

Methionine

78. Minimum number of days pregnant a donor cow must be before undergoing IVF aspiration procedures

40 days

79. Hardware disease occurs in this stomach compartment

Reticulum

80. Most likely to be the limiting nutritional requirement for the high producing dairy cow

Energy

81. This type of energy is the result of digestible energy minus the energy lost in urine and gas

Metabolizable energy

82. Volatile fatty acid that is precursor for glucose, produced from digestion of starch and grain in the rumen

Propionic acid

83. These alter rumen fermentation by increasing the production of propionic acid

Ionophores

84. These corn varieties have lower lignin concentrations which increase fiber digestibility

Brown midrib corn (BMR) varieties

85. Youth development program that started as an agriculture based club which teaches kids to be leaders & to learn by doing

4-H

86. A career and technical student organization founded in 1925 at Virginia Polytechnic Institute based on school classes that promote & support agricultural education

FFA

87. Organization that awards over \$40,000 in scholarships annually to those involved in the dairy industry

National Dairy Shrine

88. The scientific publication of the American Dairy Science Association

Journal of Dairy Science

89. Award given in honor of the 1954 Klussendorf winner and presented to one of the show's top youth exhibitors at World Dairy Expo

Merle Howard Award

90. State that won the North American Invitational 4-H Dairy Quiz Bowl title in 2016

New York

91. An average lactating dairy cow needs this many inches of stall width

46-50 inches

92. Veal calves sent to slaughter on average weigh this much

475 to 500 pounds

93. In regards to feed storage, one ton of fresh silage should be packed for this long

1 to 3 minutes

94. Cattle were first domesticated in this year B.C.

7000 B.C.

95. Number of feet away from other buildings and obstructions you should build a free stall barn to ensure proper ventilation

150-200 feet

96. Device used to store milk on most dairy farms

Bulk tank

97. The term herringbone refers to this

Milking parlor

98. Measures the number of mesophilic organisms in milk to determine whether or not state regulatory standards are met

Standard plate count

99. A2 milk has been a common brand for several years in these two countries

Australia & New Zealand

100. Major cause of calf death before weaning

Scours