

2023 Dairy Jeopardy Practice Questions

1. First milk produced by a cow after calving

Colostrum

2. Number of quarts of colostrum baby calves need

3 to 4 quarts

3. Tool used if a calf does not drink from a bottle

Esophageal feeder

4. Temperature at which bacteria start to grow in colostrum

40 Degrees F

5. Tool used to measure antibody content of colostrum

Colostrometer

6. Milk replacer should contain at least this percent protein

22 percent

7. Size of small clipping blade to be used on udder only

40 or 50 blade

8. State with the most dairy cows

California

9. Minimum percent of milk fat that whole milk must contain

3.25 percent

10. Top producing state of dry alfalfa hay

Idaho

11. State with largest decrease in dairy cows in 2021

New Mexico

12. State averaging the most milk per cow

Michigan

13. Provides detailed performance and genetic information about an animal and its ancestors

Pedigree

14. Part of the cow that should be short and strong with some flexibility, having a moderate, upright angle

Pastern

15. Muscular movement that pushes food down the esophagus

Peristalsis

16. Hormone that prepares the uterus for pregnancy and prevents cow from returning to estrus

Progesterone

17. Expresses the level of genetic superiority that an animal is expected to transmit to its offspring for a given trait

Predicted Transmitting Ability (PTA)

18. Part of milking system that is an automatic valve allowing air to enter or exit the shell of a milker

Pulsator

19. Weyauwega Star Dairy broke the record for longest piece of this dairy product, totaling 3,832 feet long

String Cheese

20. Normal delivery position, when calf is born headfirst with head on top of both front legs which are extended out in front of the body

Frontal or anterior

21. America's most popular cheese

Mozzarella

22. Yogurt company that launched an ultra-filtered milk and half-and-half

Chobani

23. Fast food chain that rolled out a series of drinks containing a shelf-stable dairy-based creamer including Island Berry Freeze and Pineapple Whip Freeze

Taco Bell

24. National Dairy Month

June

25. Scientific term for twisted stomach

Displaced Abomasum

26. Metabolic disorder from impaired carbohydrate and volatile fatty acid metabolism

Ketosis or Acetonemia

27. Disease caused by inadequate blood magnesium levels

Grass Tetany

28. Scientific term for milk fever

Parturient Paresis or Hypocalcemia

29. Condition resulting from abnormal fermentation in the rumen

Lactic Acidosis

30. Occurs when excess nitrates in the feed and water are converted to nitrites in the rumen

Nitrate Poisoning

31. Organization that sets guidelines on euthanasia for birds caught in traps, abbreviated AVMA

American Veterinary Medical Association

32. This can be added in the rafters and the roof ridge cap of a barn to deter birds from roosting in the building

Wire screen or wire cloth/netting

33. Birds eat what percent of their body weight daily

25 to 50%

34. Invasive bird species with dark, iridescent plumage, and a straight bill that is sometimes bright yellow that nests in large flocks and will readily feast from cattle feed bunks

European starling

35. USDA division that can help dairy farmers deal with the negative impacts of birds on their operations

USDA Wildlife Services

36. Feed additive for pests, abbreviated IGR

Insect Growth Regulator

37. Term for rough teat ends

Hyperkeratosis

38. Along with Klebsiella, this is a prevalent coliform organism and gram-negative bacteria that cause acute mastitis

E. Coli (Escherichia coli)

39. Compartment in udder tissue where 80% of milk is stored

Alveolar

40. Major protein found in mammary secretions during involution that helps with disease resistance

Lactoferrin

41. Single-celled algae that can cause mastitis infection

Prototheca

42. Percentage of calves that are born with extra teats

50 percent

43. Tool used to analyze TMR particle distributions/size

Penn State Shaker Box

44. CP, related to forage quality

Crude Protein

45. Goal percentage of TMR refusal

2 to 3 percent

46. Peak feed intake usually occurs this many weeks into lactation

10 to 14 weeks

47. Key obstacle for fiber digestion; cannot be digested by rumen microorganisms

Lignin

48. NDF

Neutral Detergent Fiber

49. Breed named Supreme Champion of the 2022 Hoard's Dairyman Dairy Judging Contest

Brown Swiss

50. Largest dairy cooperative in the U.S.

DFA (Dairy Farmers of America, Inc.)

51. National Ice Cream Month

July

52. Procedures intended to protect humans or animals against disease or harmful biological agents

Biosecurity

53. Important system found in dairy barns that is responsible for 20 to 25% of total farm energy use

Ventilation system

54. Name one of two breeds to be named Supreme Champion of both Junior and Open Shows in the same year at World Dairy Expo

Brown Swiss or Guernsey

55. President of the United States of America

Joe Biden

56. President of Holstein Association USA

Jonathan Lamb

57. CEO of Dairy Management, Inc.

Barbara O'Brien

58. CEO of Prairie Farms

Matthew McClelland

59. President and CEO of U.S. Dairy Export Council

Krysta Harden

60. President and CEO of the Animal Agriculture Alliance

Hannah Thompson-Weeman

61. Phrase abbreviated NDFD

Neutral Detergent Fiber Digestibility

62. In a ration, more than 70 percent of this grain should be smaller than 4.75 millimeters

Corn

63. Liquids with a pH lower than 6 would fall into this category

Acid

64. Most common micronutrient deficient in field corn

Zinc

65. Type of feeding program recommended for robot herds, abbreviated PMR

Partially mixed ration

66. Variety of alfalfa that can lead to greater tonnage due to lengthened cutting schedules, without sacrificing forage quality

Reduced lignin

67. U.S. Dairy farms use this percentage of fresh water

3 percent

68. VFD, as it relates to antibiotic use

Veterinary Feed Directive

69. Popular social media platform centered around short-form videos

TikTok

70. Program that sets standards for animal care and producing high quality products, abbreviated FARM

Farmers Assuring Responsible Management

71. Tart, fermented yogurt drink gaining popularity due to perceived benefits for digestion and gut health

Kefir

72. Dairy farms use this percentage of U.S. fossil fuel consumption

0.3%

73. Category of pain treatment, abbreviated NSAID

Nonsteroidal Anti-Inflammatory Drug

74. Key product used in foot baths

Copper Sulfate

75. Protein that cows' hooves are formed out of

Keratin

76. Material other than metal that can cause hardware disease

Plastic

77. Highly fatal intestinal disease of adult cows that occurs sporadically

Hemorrhagic Bowel Syndrome

78. Measures the number of mesophilic organisms in milk

SPC (Standard Plate Count)

79. Milk-mineral deposits on milk handling equipment

Milk stones

80. Term for number of hours or days milk must be withheld or discarded following treatment with a drug or a cow must be kept prior to culling

Withdrawal Time or Period

81. Category of mastitis that can only be diagnosed through a milk quality test

Subclinical

82. Count that measures milk quality, usually related to hygiene of milkers and cleanliness of equipment

Preliminary Incubation (PI)

83. Mastitis organisms that enter teat canal, found in cow's surroundings such as bedding, manure and soil

Environmental

84. Milk casein that exists in two forms, A1 and A2, which can be detected through genomic testing

Beta Casein

85. Temperature of liquid nitrogen

-320 degrees F

86. First cooperative A.I. organization formed in this country in 1936

Denmark

87. Frequency that tail paint or chalk should be refreshed when used for heat detection purposes

Every day

88. State home to the Cooperative Artificial Breeding Association Unit No. 1, the first A.I. organization in the United States

New Jersey

89. Name of first calf born in the U.S. with use of frozen semen

Frosty

90. Futures exchange which trades in interest rates, currencies, indices, metals, and agricultural products, abbreviated CME

Chicago Mercantile Exchange

91. Overhead expenses, all costs that don't directly contribute to producers' production output

Fixed (expenses)

92. Process of developing a plan to pass on ownership of a farm to another person, typically to the next generation

Succession (or transition) planning

93. Federal minimum hourly wage

\$7.25 per hour

94. FMMO, as it relates to milk pricing

Federal Milk Marketing Order

95. FAFSA

Free Application for Federal Student Aid

96. MUN

Milk Urea Nitrogen

97. Preservative that should be used when forced to bale alfalfa hay at higher than desired moisture

Propionic Acid

98. Number of pounds of forage dry matter cows should consume per day

28 to 30 pounds

99. Typical moisture content for alfalfa at cutting time

75 o 80 percent

100. Gram-positive, spore-forming anaerobic bacteria commonly found in soil

Clostridia