

2017 Jersey Jeopardy Practice Categories and Questions

(point values are on the left; answers are below each question)

Class Standing (*Name the 2017 class that an unfresh heifer would show in with the given date of birth*)

10—3/4/17

Spring Calf

20—9/2/16

Fall Calf

30—2/4/17

Winter Calf

40—7/17/16

Summer Yearling

50—12/23/15

Winter Yearling

Dairy Products (*questions related to dairy foods*)

10—“Nature’s most nearly perfect food”

Milk

20—Most popular variety of cheese in the United States because of pizza!

Mozzerella

30—Sugar that gives milk its sweet flavor

Lactose

40—Type of fluid milk that contains zero grams of fat per cup

Non-fat or skim

50—Dairy food made by using lactic-acid producing bacteria (often by Dannon)

Yogurt

Scrambled Cow Parts (*Unscramble the letters to form the name of a cow part*)

10—Spin

Pins

20—Keen

Knee

30—Lion

Loin

40—Niche

Chine

50—Lose

Sole

Nutritional Acronyms *(Give the nutritional words associated with the letters in the acronym)*

10—CP

Crude Protein

20—DMI

Dry Matter Intake

30—AA

Amino Acid

40—NDF

Neutral Detergent Fiber

50—NE

Net Energy

Numbers *(Each answer will be a number or quantity)*

10—Number of breeds shown at the World Dairy Expo

7

20—A cow has this many pairs of ribs

13

30—This volume of milk weighs 8.6 pounds

Gallon (4 Quarts)

40—The Jersey Green Book is released this many times per year

3

50—A mature Jersey cow has this many permanent teeth

32

Milking Time *(answers related to milk and milking)*

10— The most common disease in the dairy industry

Mastitis

20—This hormone causes cows to let down their milk

Oxytocin

30—This milking system component creates alternating vacuum and air

Pulsator

40—Vacuum pressure is usually expressed in inches of this chemical element abbreviated Hg

Mercury

50—Only part of the milking system that directly touches the cow

Liner/inflation

Common Bonds *(Name the overall linkage of the three items in the clue)*

10—Lagoon, Anaerobic pit, Slurrystore (structures to store this)

Manure

20—Feta, Brie, Gruyere (dairy product)

Cheese

30—Acetic, Butyric, Propionic

Volatile Fatty Acids

40—Acute, Subclinical, Chronic (Types of this common disease)

Mastitis

50—Stature, Rump, Front End (PDCA Scorecard Category)

Frame

Jersey Appraisal *(Name the final score category associated with each Jersey final score)*

10—91

Excellent

20—83

Very Good

30—65

Acceptable

40—73

Desirable

50—59

Poor

It's Nutritious *(Answers related to feeds and nutrition)*

10—A newborn calf needs this milk from its dam as soon as possible

Colostrum

20—Your cow has this many stomach compartments

Four

30—Cows require 30-60 gallons of this per day

Water

40—This sweet liquid is added to rations to improve taste and reduce dustiness

Molasses

50—This byproduct feed results from ethanol production

Distillers grains

Begins with M *(All answers begin with the letter M)*

- 10—Another name for the udder
Mammary (System)
- 20—The first part of the digestive system
Mouth
- 30—The common name for Bovine Spongiform Encephalopathy
Mad Cow Disease
- 40—Mycotoxins are produced by these types of fungi
Molds
- 50—This rate is defined as the number of dead animals during a period of time
Mortality (rate)

Blast from the Past *(Important dates and events in the history of the dairy industry)*

- 10—Year that the American Jersey Cattle Club was formed
1868
- 20—DeLaval invented this device to divide cream from milk
(Cream) Separator
- 30—Harvey Thatcher invented this in 1884
Milk bottle
- 40—Name of the first calf born in the U.S. resulting from frozen semen
Frosty
- 50—Year that sire evaluations based on genomic predictions were first published by USDA-AIPL
2009

Diseases and Disorders *(Name the disease or disorder associated with the clue)*

- 10—Disease around calving that results from a calcium deficiency
Milk fever (parturient paresis)
- 20—Disease abbreviated TB
Tuberculosis
- 30—Disease abbreviated BVD
Bovine Viral Diarrhea
- 40—Condition abbreviated RP that occurs when a cow does not expel her afterbirth
Retained Placenta
- 50—Condition around calving time that results from an excess of lymphatic fluid in the udder
Udder Edema

State of the Union (*Give the state where the famous Jersey herd is located*)

10—River Valley Farm

Illinois

20—Dutch Hollow Farm

New York

30—Ratliff Jerseys

Kansas

40—Ahlem Farm Partnership

California

50—Lyon Jerseys

Iowa

First Things First (*Things related to calf and heifer care*)

10—Name for the beneficial proteins found in colostrum

Antibodies/immunoglobulins

20—Measure of growth abbreviated ADG

Average Daily Gain

30—“W” term for the act of taking a calf off of milk as its main source of nutrition

Weaning

40—Largest stomach compartment in a newborn calf

Abomasum

50—Colostrum may be safely stored for up to one year if kept this way

Frozen

Eat Your Vitamins (*Name the vitamin associated with each description*)

10—Aids in calcium and phosphorous absorption and metabolism

Vitamin D

20—Antioxidant that helps prevent “white muscle disease” with selenium

Vitamin E

30—Helps prevent night blindness and maintains epithelial linings

Vitamin A

40—Vitamin important for blood clotting

Vitamin K

50—B-complex vitamin that aids in preventing anemia

Vitamin B12

Dairy Organization Acronyms *(Give the name of the dairy organization indicated by the acronym)*

- 10—AJCA
American Jersey Cattle Association
- 20—PDCA
Purebred Dairy Cattle Association
- 30—NAAB
National Association of Animal Breeders
- 40—NMPF
National Milk Producers Federation
- 50—DCHA
Dairy Calf and Heifer Association

Starts with J *(All answers begin with the letter J)*

- 10—For shows, a winter calf can be born in this month
January
- 20—This vein in the neck is a desirable location to give injections in cows
Jugular
- 30—Knees and hocks are examples of these found in cows
Joints
- 40—Middle section of the small intestine
Jejunum
- 50—The PDCA Dairy Cow scorecard describes this part included under head as “strong”
Jaw

All in the Genes *(Questions about genetics and genomics)*

- 10—The letters RNA stand for this
Ribonucleic Acid
- 20—This “L” term refers to a gene’s location on a chromosome
Locus
- 30—This term refers to an animal that has identical alleles for a specific gene
Homozygous
- 40—This nitrogenous base pairs with cytosine
Guanine
- 50—The letters LD stand for this genomic chip used by AJCA and GeneSeek
Low Density

Minerals (*Name the mineral associated with each description*)

10—Hypocalcemia is a deficiency of this mineral

Calcium

20—Mineral abbreviated K

Potassium

30—Trace mineral abbreviated Fe

Iron

40—Trace mineral abbreviated Co

Cobalt

50—Mineral associated with Grass Tetany

Magnesium

Extra—Trace mineral abbreviated Se

Selenium

Out of Place (*Select the item that does not belong with the other two*)

10—VFA: lactic, propionic, acetic

Lactic

20—Metabolic disease: ketosis, mastitis, milk fever

Mastitis

30—Legume crop: soybeans, corn, clover

Corn

40—Breed with national headquarters in Wisconsin: Red and White, Brown Swiss, Ayrshire

Ayrshire

50—Amino Acid: lysine, trypsin, tryptophan

Trypsin

Milk Processing (*Terms associated with milk processing*)

10—This process heats milk to kill pathogens

Pasteurization

20—This process reduces the size of fat globules in milk

Homogenization

30—Process by which vitamins are added to milk

Fortification

40—Pigmented cartons prevent milk from being exposed to this

Light (UV light)

50—Lab test abbreviated SPC

Standard Plate Count

Hormonally Speaking (*Questions about hormones and glands*)

- 10—Organ that secretes insulin
Pancreas
- 20—Growth hormone has this technical name
Somatotropin
- 30—Main hormone that maintain pregnancy
Progesterone
- 40—Gland that secretes FSH and LH
(anterior) pituitary
- 50—Main hormone produced by the testicle
Testosterone

What's Up, Doc? (*A category about diseases and cow health*)

- 10—Condition where a cow cannot belch because of excessive gas buildup in rumen
Bloat
- 20—General term starting with “P” for any disease-causing agent such as bacteria or viruses
Pathogen
- 30—Term for diseases that can be transmitted between animals and humans
Zoonotic
- 40—The milk ring test is used to identify this disease
Brucellosis
- 50—Infectious Bovine Keratoconjunctivitis is more commonly known as this colorful problem
Pinkeye

All About the JPI (*questions about the JPI*)

- 10—The letters JPI stand for this
Jersey Performance Index
- 20—The PTA value for this trait accounts for 43% of JPI
Protein (pounds)
- 30—JPI component abbreviated SCS
Somatic Cell Score
- 40—JPI component abbreviated FTI
Functional Trait Index
- 50—JPI component abbreviated SCR
Sire Conception Rate