

2022 Michigan Skillathon - Dairy

NOVICE

1. What is the storage container on the farm that is used to hold large quantities of milk?
 - a) Bulk Tank
 - b) Milk Can
 - c) Gallon container
 - d) Trough
2. A by-product called whey is produced from making what?
 - a) Yogurt
 - b) Butter
 - c) Ice Cream
 - d) Cheese
3. Which is not one of the seven breeds recognized by the Purebred Dairy Cattle Association (PDCA)?
 - a) Jersey
 - b) Milking Shorthorn
 - c) Ayrshire
 - d) Hereford
4. What substance is frozen semen stored in?
 - a) Ice
 - b) Cryogenic freezing
 - c) Liquid Nitrogen
 - d) Liquid Oxygen
5. What is a dystocia?
 - a) Not producing milk once they calf
 - b) Trouble calving
 - c) Unable to stand
 - d) Not eating
6. Give the common name for the three different stages of a female dairy animal?
 - a) Bull, heifer, steer
 - b) Calf, heifer, bull
 - c) Cow, heifer, calf
 - d) Cow, bull, steer

2022 Michigan Skillathon - Dairy

7. Which vitamin is added to milk?
 - a) Vitamin C
 - b) Vitamin D
 - c) Vitamin A
 - d) Vitamin K

8. Milk is approximately what percent water?
 - a) 56%
 - b) 76%
 - c) 99%
 - d) 87%

9. When talking about a dairy cow, what does the term “open” mean?
 - a) Pregnant
 - b) Horned
 - c) Registered
 - d) Not pregnant

10. What does USDA stand for?
 - a) United States Department of Agriculture
 - b) United States Department of Animals
 - c) United States Dairy Animals
 - d) University School Dairy Animals

11. What is the process called when a calf is switched from milk or milk replacer to hay and grain?
 - a) Detaching
 - b) Weaning
 - c) Stop Sucking
 - d) Pasteurization

12. Skim milk contains what percentage of fat?
 - a) 2%
 - b) 1%
 - c) 0%
 - d) 3.5%

2022 Michigan Skillathon - Dairy

13. What does it mean if an animal is polled?
 - a) Born with horns
 - b) Born as a twin
 - c) Born with a short tail
 - d) Born without horns
14. How many quarts are there in a gallon of milk?
 - a) 4 quarts
 - b) 3 quarts
 - c) 2 quarts
 - d) 1 quart

JUNIOR

15. What substance flows through a cow's milk vein?
 - a) Milk
 - b) Blood
 - c) Enzymes
 - d) Antibodies
16. What is the process that changes cream into butter?
 - a) Whipping
 - b) Churning
 - c) Boiling
 - d) Pasteurizing
17. How old is a calf when it begins to chew its cud?
 - a) 2 days old
 - b) At birth
 - c) 3-4 months
 - d) 2-3 weeks
18. What month is national ice-cream month?
 - a) July
 - b) June
 - c) April
 - d) January

2022 Michigan Skillathon - Dairy

19. How many calories are in one serving size of whole milk?
- a) 140 calories
 - b) 200 calories
 - c) 160 calories
 - d) 100 calories
20. Which is not a type of milking parlor?
- a) Rotary
 - b) Herringbone
 - c) Parallel
 - d) Cultivator

SENIOR

21. The uterus and ovaries are held in their proper position by what structures?
- a) Broad ligament
 - b) Suspensory ligament
 - c) Median Suspensory ligament
 - d) Lateral Suspensory ligament
22. What is the name of the buttons that attach the placenta to the uterus?
- a) Oviduct
 - b) Fundus
 - c) Infundibulum
 - d) Caruncles
23. During hot weather, a cow's body temperature often peaks at what time of day?
- a) Noon
 - b) Midnight
 - c) 3pm
 - d) 8pm

2022 Michigan Skillathon - Dairy

24. Semen for AI should be thawed in water heated to what temperature?
- a) 98.6 degrees
 - b) 101 degrees
 - c) 99 degrees
 - d) 95 degrees
25. Who is the current (2022) US Secretary of Agriculture?
- a) Tom Vilsack
 - b) Anthony Blinken
 - c) Lloyd J Austin III
 - d) Miguel Cardona

EXTRA

26. A cow can smell up to how many miles away.
- a) 10 miles
 - b) 6 miles
 - c) 5 miles
 - d) 1 mile
27. What 2 size needles have a larger needle circumference than a 20-gauge needle?
- a) 14 & 25 gauge
 - b) 14 & 16 gauge
 - c) 22 & 25 gauge
 - d) 25 & 27 gauge
28. If a cow is labeled "cystic" what is the problem?
- a) She is ready to deliver her calf
 - b) She has mastitis
 - c) She delivered twins
 - d) She is unable to be bred back
29. What year was the Hoard's Dairyman magazine founded?
- a) 1885
 - b) 1850
 - c) 1902
 - d) 1860

2022 Michigan Skillathon - Dairy

30. What is the world's largest pizza company?
- a) Pizza Hut
 - b) Little Caesars
 - c) Papa John's
 - d) Domino's

2022 Michigan Skillathon - Dairy

Novice

1	A
2	D
3	D
4	C
5	B
6	C
7	B
8	D
9	D
10	A
11	B
12	C
13	D
14	A
15	B

Senior/Extra

21	A
22	D
23	B
24	D
25	A
26	B
27	B
28	D
29	A
30	D

Junior

16	B
17	D
18	A
19	C
20	D