

2013 Junior Dairy Quiz Bowl Questions

Round 02

Phase B 5 Questions Correct answers are worth 10 points each.

Only the team being asked the questions is to be in the room. Each team will be asked these 5 questions. Answers are to be given by a team captain, but assistance may come from any team member. A question may be repeated only once. Answers must be started within 20 seconds. Partial credit may be given at the discretion of the judges. After one team has been questioned, the other team will enter the contest room and be asked the same 5 questions.

- 1. Low fiber rations can often cause a “DA” in early lactation dairy cows. What does “DA” stand for:**

ANS: Displaced Abomasum

- 2. What is the condition called in calves with very watery manure?**

ANS: scours (also accept diarrhea)

- 3. What is the approximate gestation length for a dairy cow?**

- a) 21 days b) 340 days
c) 150 days d) 280 days

ANS: d) 280 days

- 4. What is the name of the dairy museum located in Fort Atkinson, Wisconsin?**

ANS: National Dairy Shrine

- 5. Lag time or the time from stripping teats to putting on the units is the most important part of the milking routine. The goal is to get the teat cups on the cow in how many minutes after stripping?**

- a) 1 to 1 ½ minutes b) 3 to 4 minutes c) 5 to 6 minutes

ANS: a) 1 to 1 ½ minutes

Phase C 20 Questions Correct answers are worth 15 points each.

Both teams are in the room for Phase C. The first contestant to signal will answer the question within 5 seconds after being acknowledged by the moderator. Failure to do so will cost that team 10 points. Any contestant answering a question without being acknowledged by the moderator will lose 10 points. If an answer is incorrect, members of the other team will have the opportunity to answer the question without having it reread except for true/false, either or and yes or no type questions. If an answer is given in these types of questions, the question will be replaced with a tie breaker question, and given to the other team. No points are deducted for giving an incorrect answer. Team members are not allowed to discuss the answers in this phase. No partial credit is available in Phase C, except for bonus questions. If neither team can offer an answer to the question within 10 seconds, the moderator will give the answer and the question will be dropped but neither team will forfeit points.

1. Which class of milk is marketed to be used for drinking (fluid milk)?

ANS: Class I

2. What term describes a calf that is born dead?

ANS: Stillbirth or Stillborn

3. The abbreviation “CWT” indicates how many pounds of milk?

ANS: 100 pounds

4. Why does a dairy manager use a colostrometer?

ANS: To estimate the quality (or IgG level) of colostrum

5. The Guernsey breed originated on a British channel island. What is the name of the other dairy breed that also originated on an island in the British channel.

ANS: Jersey

6. There are 9 kilocalories of energy provided in one gram of:

a) protein b) carbohydrate c) fat d) water

ANS: c) fat

7. What do the letters E-T stand for at the end of a Holstein animal registration name?

ANS: Embryo Transfer

8. When a calf is born, the normal delivery position is:

- a) back feet first b) head first, then the front feet c) front feet first, then the head

ANS: c) front feet first, then the head

9. What bacterial infection that occurs in the eyes of cattle can result in blindness and is thought to be spread by flies?

ANS: Pinkeye

10. Why is it a good idea to routinely use a CMT test?

ANS: to detect mastitis

11. The number of dairy cows in the United States peaked in what year?

- a) 1885 b) 1945 c) 1985 d) 2010

ANS: b) 1945

12. What is the minimum legal butterfat percentage for processed whole milk?

- a) 2% b) 3.25% c) 3.75% d) 4%

ANS: 3.25%

13. How many amino acids are considered to be essential in the dairy cow and are required in the diet?

ANS: 10

14. Which one of the following forages should contain the highest level of protein?

- a) corn silage b) small grain silage c) legume hay d) fescue hay

ANS: c) legume hay

15. What is the measure of how well a cow turns feed into milk?

- a) average daily gain b) feed efficiency c) fat-corrected milk

ANS: b) feed efficiency

16. On the PDCA Dairy Cow Unified Score Card, where is the withers listed?

ANS: Dairy Strength category

17. Using a scale 1 to 5, what should a dry cow's body condition score be?

a) 1.5 to 2.0 b) 2.5 to 3.0 c) 3.5 to 4.0

ANS: c) 3.5 to 4.0

18. In reference to dairy cattle nutrition, what does "RDP" stand for?

ANS: Rumen Degradable Protein

19. Why is soybean meal commonly added to calf starters?

ANS: To provide protein

20. Which of the following is the term for the type of fat that is usually liquid at room temperature and contains one or more double bonds?

a) unsaturated fat b) saturated fat c) lard d) lasalocid

ANS: a) unsaturated fat

Bonus Questions Each bonus question is worth 20 points.

Bonus questions may be earned in the toss-up round. To receive a bonus question, 3 different team members must correctly answer the toss-up questions. Bonus questions are not passed to the other team, nor are points deducted for an incomplete or incorrect answer to the question. Bonus question will be asked whenever 3 team members have answered toss-up questions correctly with the count kept individually for both teams within a match. Eligibility for bonus questions does not carry over to another match. The answers must come from the team captain but assistance can come from the other team members. Only the number or answers required by the bonus question will be accepted. Example: If the bonus has a four-part answer - the first four answers given by the team will be accepted. Answers to a bonus question must start within 20 seconds and be completed within 60 seconds.

1. Which one of the following is the term for the diet that we feed to dairy cows 2 to 3 weeks before the expected calving date?

- a) transition diet b) high protein diet c) low fiber diet**

ANS: a) transition diet

2. Which of the following is the most costly form of mastitis?

- a) subclinical b) acute c) clinical d) flaky**

ANS: a) subclinical

3. Which breed has its major All-American Show in Louisville, Kentucky?

- a) Ayrshire b) Guernsey c) Jersey d) Brown Swiss**

ANS: c) Jersey