

2001 DAIRY QUIZBOWL QUESTIONS ROUND02

Phase B 5 QUESTIONS

ANSWERS GIVEN BY TEAM CAPTAIN, ASSISTANCE FROM TEAM MEMBERS

NOTE: QUESTIONS READ ONCE. CORRECT RESPONSE WORTH 10 POINTS

JUDGES MAY GIVE PARTIAL CREDIT.

1. T/F Cream contains more fat than whole milk.

ANS: True

2. North America will sample 1,600 Holstein bulls in structured A.I. sampling programs. How many bulls will be sampled in structured A.I. programs in the world?

- a. 1,600
- b. 2,000
- c. 2,500
- d. 4,500

ANS: (d) 4,500

3. What is the name of the natural protective substance, which lines the inside of the streak canal?

ANS: KERATIN

4. Of the following, which dairy products increased the most in per person consumption from 1971 to 1981: low fat milk, yogurt, sour cream and dips, or cheese?

ANS: LOW FAT MILK

5. What is the recommendation for feeding colostrum as a percent of body weight to newborn calves?

ANS: 8-10%.

PHASE C 20 QUESTIONS

NOTE: ANSWER ONLY AFTER BEING ACKNOWLEDGED BY MODERATOR

CORRECT ANSWERS WORTH 15 POINTS

MISSED T/F, EITHER/OR AND YES/NO QUESTIONS REPLACED AND OFFERED

ANSWERS WITHOUT RECONITION 10 POINT LOSS.

1. Which of the following is not a reason for suspension of a permit to ship Grade A milk: antibiotics in milk, high bacteria count, low butterfat percentage, or high somatic cell count?

ANS: LOW BUTTERFAT PERCENTAGE

2. What is another name for the "true stomach" in the dairy cow?

ANS: Abomasum

3. There are currently vaccines available for which of the following reproductive diseases: leptospirosis, brucellosis, vibriosis, all of the above, or some of the above?

ANS: ALL OF THE ABOVE

4. What ration component is measured in terms of chewing time in minutes per pound of feed?

ANS: effective fiber %

5. What is the name of the piece of equipment used in a milking line to keep vacuum at a constant level?

ANS: Vacuum controller or regulator.

6. ABS Global successfully cloned a Holstein bull named Gene. Since Gene is a male, his sex chromosome is XY; what will his clone's sex chromosome be?

- a. XY
- b. XX
- c. YXX
- d. none of the above

ANS: A

7. T/F The present method of calculating sire summary information takes into account the genetic level of the herd mates.

ANS: TRUE

8. T/F Disease can be spread through the use of frozen semen, which carries disease-causing viruses.

ANS: TRUE

9. Fawn is an acceptable color in which of the five major breeds of dairy cattle?

ANS: GUERNSEY and JERSEY

10. If there are large numbers of flies around the dairy farm, what should be the first thing, which is examined?

ANS: MANURE HANDLING PROCEDURES

11. True / False: As people get older, they tend to drink less milk.

ANS: True

12. What structure separates the udder into right and left halves?

ANS: MEDIAN SUSPENSORY LIGAMENT

13. A three (3) year old Jersey cow received a classification score of 78, what is her classification rating?

ANS: DESIRABLE

14. True / False: The sire is the father of the animal.

ANS: True

15. Lack of sire identification results in the elimination of what percentage of lactation records from use in sire evaluations?

ANS: 85 PERCENT

16. What is the primary difference between the elements found in the basic building compounds for proteins and fats?

ANS: Amino acids for proteins contain nitrogen; fatty acids for fats contain no nitrogen.

17. M/C Rapid breathing, coughing, and a high temperature are good signs of what diseases in calves?

- a. hollow tail
- b. pneumonia
- c. mange

ANS: b) pneumonia

18. If the joint on a cow corresponding to your elbow is the knee, which joint on a cow would correspond to your wrist?

ANS: Pastern joint

19. Compute the score using a 50-point maximum: official placing 1-2-3-4, cuts 4-4-4, placing 1-3-2-4.

ANS: 46

20. Why are milk samples "cultured"?

ANS: To determine which bacteria are causing mastitis or poor milk quality.

BONUS QUESTIONS

AFTER THREE TEAM MEMBERS HAVE CORRECTLY ANSWERED A QUESTION

ANSWERS GIVEN BY TEAM CAPTAIN, ASSISTANCE FROM TEAM MEMBERS

NOTE: QUESTIONS READ ONCE. CORRECT RESPONSE WORTH 10 POINTS

JUDGES MAY GIVE PARTIAL CREDIT.

1. Whey is a by-product of the manufacturing process that results in which of the following products: cheese, butter, condensed milk, or dry milk powder?

ANS: CHEESE

2. T/F The loin and chine are both considered being parts of the back.

ANS: . True

3. Of the four PDCA yearling classes, which is the youngest?

ANS: Summer yearlings

4. T/F When lining up side by side in the show ring, always leave at least the width of one cow between yourself and the animal on either side of you.

ANS: . False

5. T/F Normal growth and condition is important in type judging but not in a showmanship and fitting contest.

ANS: False