

Senior Division
Set 1
Toss Up Questions

1. Enteritis would be another name for what condition in calves?
 - a. Scours/diarrhea
2. To produce one gallon of milk, how much blood must pass through the mammary system?
 - a. 400-500 gallons
3. In the designing of free-stalls, what keeps cows in the correct position while preserving lunge space and keeping the rear of the stall clean?
 - a. Brisket board
4. What is the maximum amount of time you should store frozen colostrum?
 - a. 1 year
5. What range is used in the linear classification of each trait?
 - a. 1-50
6. FSA is a branch of the U.S.D.A. What does FSA stand for?
 - a. Farm Service Agency
7. What is the name of the structure that holds the uterus and ovaries in their proper position?
 - a. Broad ligament
8. What does PTA stand for in reference to dairy cattle genetics?
 - a. Predicted Transmitting Ability
9. The citrus industry provides the southern region with what by-product feed?
 - a. Citrus pulp
10. The USDA dairy recommendations are no longer found on a pyramid but are instead found on what?
 - a. Plate
11. What is the most common bacterial cause of chronic mastitis?
 - a. Staph aureus
12. On average, the flight zone of a cow is how many feet?
 - a. 5

13. What is the proper term for infection of the uterus?
 - a. Metritis

14. What is the legal limit for somatic cells per mL in the U.S.?
 - a. 750,000

15. What anatomical feature is used to determine the height of the udder floor?
 - a. Hock

16. Drought stressed forages can contain toxic levels of what substance?
 - a. Nitrates

17. What two simple sugars make up lactose?
 - a. Glucose and galactose

18. What smooth “muscle like” cells in the udder aids in the milk letdown response?
 - a. Myoepithelial cells

19. What is the name of the document that sets the standards for Grade A milk?
 - a. Pasteurized Milk Ordinance (PMO)

20. What is the common name for digital dermatitis?
 - a. Hairy heel wart