

2015 Senior Division
Set 1
Toss Up

1. A well ventilated, clean, draft-free, and dry environment helps prevent what calfhood disease?
 - a. Pneumonia
2. What substance contained in saliva aids a cow in buffering her own rumen?
 - a. Sodium Bicarbonate
3. Dairy Herd Improvement records are standardized to how many days of lactation?
 - a. 305
4. Rancidity in milk is an off-flavor caused by hydrolysis of what milk component?
 - a. Fat
5. A dairy cow in Georgia averaged approximately how many pounds of milk per cow in 2014?
 - a. 20,790 (accept anything between 20,000 and 21,000)
6. If a dairy cow has a genotype for a specific trait in which the alleles are different. What is the term used to describe her genotype for this trait?
 - a. Heterozygous
7. Blackleg, overeat, and tetanus are all diseases caused by what type of organism?
 - a. Clostridium, Clostridia, Clostridial (accept any of these variations)
8. What is the name of the final storage place for milk prior to ejection or milking?
 - a. Teat Cistern
9. In relation to milk quality, what does the term SCC stand for?
 - a. Somatic Cell Count
10. What structure on the ovary is responsible for releasing the female gamete or ova?
 - a. Follicle
11. How many ounces of milk are in one serving?
 - a. 8

12. What month of the year is national dairy month?
 - a. June
13. Electrical shock from poorly grounded electrical equipment in dairy barns can adversely affect herd production. What is the term for this problem?
 - a. Stray voltage
14. What is the common name for Traumatic Gastritis in cattle?
 - a. Hardware disease
15. What body condition score should be targeted for a cow that is about to calve?
 - a. Accept anything in the range of 3.0 – 3.5
16. What percentage weight is assigned to Dairy Strength on the PDCA scorecard?
 - a. 25
17. Anaerobic digesters capture what gas from animal manure to produce electricity?
 - a. Methane
18. What device measures colostrum quality through specific gravity?
 - a. Colostrometer
19. What substance is found in whole cottonseed can potentially be toxic to livestock?
 - a. Gossypol
20. If an animal is suffering from dystocia, what is the problem?
 - a. Difficult Calving