

**Senior Division
Set 1
Toss Up Questions**

1. What is the most costly impact of the Brucellosis or Bangs disease?
 - a. Poor reproduction/abortion
2. What is the common name for traumatic reticuloperitonitis (or traumatic gastritis)?
 - a. Hardware disease
3. In young calves, what is the name of the anatomical structure that sends milk from the esophagus to the abomasum?
 - a. Esophageal groove
4. In 2016, who was the largest producer of milk globally?
 - a. European Union
5. What is the name of the organ that is critical for glucose production?
 - a. Liver
6. Which milk component is the major determinant for the amount of cheese that can be produced?
 - a. Protein
7. What federal law established the cooperative extension service?
 - a. Smith-Lever Act
8. What would the uppercase letters PP mean on a Holstein pedigree?
 - a. Homozygous polled
9. 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
10. What is the currently base year for genetic evaluations of dairy cattle?
 - a. 2015
11. In addition to methane, what is the other main gas formed in the rumen?
 - a. CO₂ (carbon dioxide)
12. Why would magnesium oxide be added to the dairy cattle ration?
 - a. Rumen buffer

13. What part of the milking machine actually touches the cow?
 - a. Teat cup liners or inflation

14. When monitoring for heat stress, what symptom can be observed before an increase in rectal temperature?
 - a. Increased respiration rate

15. What term would be given to a heifer born twin to a bull?
 - a. Freemartin

16. If an animal is suffering from dystocia, what is the problem?
 - a. Difficult calving

17. What organization does the acronym SUDIA stand for?
 - a. Southeast United Dairy Industry Association
 - b. *NEW DATA for 2018 – This organization is now named the Dairy Alliance*

18. What should the moisture content of corn silage be when ensiling?
 - a. 60-70%

19. What is the major cost associated with a case of mastitis?
 - a. Loss in production

20. How much more milk would you expect out of cows milked 3X a day instead of 2?
 - a. 8-15%

