

2021 TJSSA State Futurity Junior Cattlemen's Quiz

1. The Simmental breed originated in which country?
 - a. Germany
 - b. Sweden
 - c. Switzerland
 - d. United States
2. What is the international year-letter designation for animal identification in 2022?
 - a. H
 - b. I
 - c. J
 - d. K
3. Which of the following weights would you expect to be a beef calf weaning weight?
 - a. 205
 - b. 550
 - c. 975
 - d. 1400
4. The biological function of being pregnant is also known as:
 - a. Gestation
 - b. Morphology
 - c. Lactation
 - d. Estrus
5. Where is the 2021 AJSA National Classic being held?
 - a. Denver, Colorado
 - b. Grand Island, Nebraska
 - c. Fort Worth, Texas
 - d. Louisville, Kentucky
6. _____ is the most common and costly disease affecting beef cattle in the world.
 - a. Anthrax
 - b. Anaplasmosis
 - c. Blackleg
 - d. Bovine respiratory disease
7. Which of the following breeds is naturally polled and can only be registered if polled?
 - a. Angus
 - b. Hereford
 - c. Brahman
 - d. Simmental
8. A cow came into heat on June 1, which date would you expect her next heat to be on?
 - a. June 10
 - b. June 21
 - c. July 1
 - d. July 30

9. Red coat color is a _____ gene in cattle.
 - a. Dominant
 - b. X-linked
 - c. Recessive
 - d. Co-dominant
10. Which USDA quality grade score is the lowest?
 - a. Standard
 - b. Choice
 - c. Prime
 - d. Select
11. Which parasite is found internally in cattle?
 - a. Lice
 - b. Ticks
 - c. Flies
 - d. Coccidia
12. The ruminant digestive system has a large stomach divided into __ compartments.
 - a. 2
 - b. 3
 - c. 4
 - d. 5
13. Body condition scoring is a method used to estimate ___ on cattle.
 - a. Hair length
 - b. Temperament
 - c. Frame
 - d. Fat cover
14. Compared to data from 1977, U.S. ranchers today produce the same amount of beef with 33% less cattle.
 - a. True
 - b. False
15. Castration is the act of removing _____ from a male.
 - a. Ovaries
 - b. Horns
 - c. Testicles
 - d. Hormones
16. Which of the following is a by-product on a beef carcass?
 - a. Brisket
 - b. Sirloin
 - c. Short ribs
 - d. Hooves

17. _____ is the tendency of a crossbred individual to show qualities superior to their purebred parents.
- Genomics
 - Hybrid vigor
 - Homozygous
 - Complementarity
18. What is not an advantage of the Simbrah breed vs. Simmental?
- Heat tolerance
 - Insect resistance
 - Marbling
 - Longevity
19. Dystocia is another term for _____.
- Calving difficulty
 - Pregnancy loss
 - Disease
 - Carcass fabrication
20. Which of the following is not a method of DNA sampling used by Neogen GeneSeek for cattle?
- Saliva
 - Tissue
 - Blood
 - Hair
21. Which cereal grain is most used in diets of feedlot cattle?
- Barley
 - Corn
 - Wheat
 - Oats
22. Which of the following is a British breed of cattle?
- Hereford
 - Simmental
 - Charolais
 - Beefmaster
23. What is the name of the American Simmental Association's official publication?
- The Simmental Shield
 - Frontline Producer
 - The Register
 - Simmental World
24. "Hooks and pins" in reference to which body part on a cow?
- Behind the hoof
 - Poll
 - Hip
 - Shoulder
25. A USDA Yield Grade 5 carcass is leaner than a Yield Grade 1.
- True
 - False

Tie Breaker Questions

26. During which trimester does the unborn calf gain the most weight?
 - a. First
 - b. Second
 - c. Third
 - d. Equal throughout pregnancy
27. Injections should be given in which part of a cow's body, unless otherwise stated on the label?
 - a. Rump
 - b. Neck
 - c. Shoulder
 - d. Flank
28. Which chromosome pair does a female have?
 - a. XX
 - b. XY
29. Weaning weights are adjusted to how many days?
 - a. 100
 - b. 150
 - c. 205
 - d. 365
30. What is the name of the first Simmental registered with the American Simmental Association?
 - a. Signal
 - b. Broker
 - c. Galant
 - d. Parisien