

2011 TJSSA State Futurity

Intermediate Cattleman's Quiz

1. Who is the Executive Vice President of the American Simmental Association?
 - a. Wade Shafer
 - b. Ed Creason
 - c. Steve McGuire
 - d. Jerry Lipsey
2. What is not a benefit of ASA's Total Herd Enrollment?
 - a. EPDs to make informative selective decisions
 - b. Herd participates in a genetic evaluation
 - c. Reproductive record on every cow enrolled
 - d. Only registered Simmental cows are eligible
3. A modified live vaccine provides lifetime immunity and doesn't require a booster.
 - a. True
 - b. False
4. Less than ___% of beef cows in the U.S. are bred AI.
 - a. 1
 - b. 10
 - c. 25
 - d. 45
5. An animal's personal space is also known as its:
 - a. Safety Area
 - b. Happy Place
 - c. Flight Zone
 - d. Handling Area
6. Which bull holds Registration #1 with the American Simmental Association?
 - a. Circle S Leachman 600U
 - b. Bold Ruler
 - c. Prince Charming
 - d. Parisien
7. Which fly plays a role in the transmission of the causative agent of bovine pinkeye?
 - a. Blow fly
 - b. Face fly
 - c. Horse fly
 - d. Horn fly
8. Which factor is not assessed by a Breeding Soundness Evaluation in bulls?
 - a. Libido
 - b. Reproductive tract soundness
 - c. Scrotal Circumference
 - d. Acceptable motility in sperm

9. Which trade name product is NOT a prostaglandin?
 - a. Lutalyse
 - b. Estrumate
 - c. Cystorelin
 - d. Prostamate
10. Which vitamin is synthesized when ultraviolet rays from sunlight strike the skin?
 - a. A
 - b. B
 - c. D
 - d. K
11. What is the name of the American Junior Simmental Association's Leadership conference?
 - a. PRIDE
 - b. LEAD
 - c. Loaded 4 Leadership
 - d. The Summit
12. What is an appropriate age to vaccinate a heifer for brucellosis?
 - a. 2 months
 - b. 8 months
 - c. 15 months
 - d. 24 months
13. What is the most common ingredient used for energy in a feedlot ration?
 - a. Corn
 - b. Sorghum
 - c. Soybeans
 - d. Barley
14. During bovine artificial insemination, semen is deposited just past the _____.
 - a. Cervix
 - b. Uterus
 - c. Vagina
 - d. Fallopian Tubes
15. What is the average length of a cow's estrous cycle?
 - a. 14 days
 - b. 21 days
 - c. 30 days
 - d. 60 days
16. Which popular Simmental bull is red?
 - a. CNS Dream On L186
 - b. WS Beef Maker R13
 - c. HTP SVF In Dew Time
 - d. SS Ebonys Grandmaster

17. Which genetic defect is NOT found in Angus cattle?
 - a. Curly Calf
 - b. Fawn Calf Syndrome
 - c. Water Head
 - d. Tibial Hemimelia
18. What is known as the “master mineral”?
 - a. Calcium
 - b. Phosphorous
 - c. Magnesium
 - d. Selenium
19. How many pairs of chromosomes do cattle have?
 - a. 10
 - b. 20
 - c. 30
 - d. 40
20. What is the name of the American Simmental Association’s cow inventory-based program?
 - a. Total Herd Enrollment
 - b. Information Management Software
 - c. Total Herd Reporting
 - d. Total Performance Records
21. What is the average gestation length of a beef cow?
 - a. 90 days
 - b. 156 days
 - c. 205 days
 - d. 285 days
22. Which breed of cattle originates in France, has a white to creamy white color and was selected for size and muscling?
 - a. Charolais
 - b. Simmental
 - c. Chianina
 - d. Maine Anjou
23. Blue tongue is a virus that causes abortions, stillbirths, and dummy calves in cattle and is transmitted by which organism?
 - a. Dogs
 - b. Gnats
 - c. Ticks
 - d. Feral hogs
24. Which breed of cattle is a composite?
 - a. Angus
 - b. Simmental
 - c. Hereford
 - d. Simbrah

25. _____ blood cells are cells of the immune system involved in defending the body against both infectious disease and foreign material.
- Red
 - Plasma
 - White
 - Platelet
26. The nation's beef cowherd has been decreasing the past decade.
- True
 - False
27. Which of the following is a legume?
- Alfalfa
 - Bermudagrass
 - Buffelgrass
 - Tifton 85
28. Where are the headquarters of the American Simmental Association?
- Kansas City, Missouri
 - Fort Worth, Texas
 - Denver, Colorado
 - Bozeman, Montana
29. Which disease is a persistent, inflammatory reaction of the udder tissue in cows?
- Acidosis
 - Mastitis
 - Neospirosis
 - Leptospirosis
30. If a homozygous black bull is mated to a heterozygous black cow, what is the probability of homozygous black offspring?
- .10
 - .25
 - .50
 - 1.0

For questions 31-50 refer to pages 38-77 in the March SimTalk

31. A commercial cattleman is buying a Simmental bull for his cow herd to make replacement females and retain ownership on remaining calves to be sold grade and yield. Which EPD best evaluates his needs?
- All Purpose Index
 - Terminal Index
 - Stayability
 - Marbling

32. A Genetic Trait Leader is designated by which symbol?
- a. #
 - b. !
 - c. Σ
 - d. *
33. What is the registration number of Fullblood sire GIBBYS REAL DEAL 29S?
- a. 2,469,430
 - b. 2,499,867
 - c. 2,462,896
 - d. 2,182,568

For questions 34-39 refer to the following purebred Simmental bulls on page 50.

- A. HILLS ECLIPSE A4
- B. HL KABOOM 455S
- C. HOOK'S INFINITI 10U
- D. HOOKS SHEAR FORCE 38K
- E. HRM RIGHT ON T08

34. Which bull would be the least desirable to use on first calf heifers?
35. Which bull's blood type is on file?
36. Which bull's API and TI indexes are in the bottom 50% of the breed?
37. Which bulls's daughters would have the highest likelihood of needing assistance at their first calving?
38. Which bull would perform the best in an all-purpose-sire scenario?
39. Which bulls' maternal grand sire is TNT ON TARGET J94
40. What is the average Birth Weight EPD for Simbrah?
- a. -0.8
 - b. 1.6
 - c. 2.6
 - d. 4.9
41. Which Fullblood bull has an owner from the United States?
- a. ANCHOR T METRO 4E
 - b. FSS KING ARTHURS MAJESTY
 - c. HERMANUS 27876/10
 - d. WOONALLEE HADAU
42. Which Simbrah bull is not a purebred?
- a. BCC BOOMERANG
 - b. MR STRACK P510
 - c. PRR PREVAIL 774S
 - d. SMITH ISGRIG CHARISMATIC

43. Carcass EPDs are calculated at how many days of age?
- a. 205
 - b. 365
 - c. 475
 - d. 550

For questions 44-50 refer to the following Hybrid Sires

- a. ES BLACK LEGEND PK26
- b. GW LUCKY ACE 076TS
- c. GW LUCKY DAY 036TS
- d. GW NEBULA 008T
- e. GW PREDESTINED 7011T

44. How many bulls are owned by Gateway Simmentals?
- a. 2
 - b. 3
 - c. 4
 - d. 5
45. Which bull has Red Angus breeding?
46. Which bull has the lowest growth EPDs?
47. How many bulls have more than 50% Simmental breeding?
- a. 0
 - b. 1
 - c. 2
 - d. 3
48. Which bull would have the lowest milking daughters?
49. How many bulls are in the top 10% or higher for both Marbling and Ribeye Area EPD?
- a. 0
 - b. 1
 - c. 2
 - d. 3
50. Which bull would be best for first calf heifers?