

2006 AJSA Regional Senior Cattlemen's Quiz A

Choose the best answer to the following questions.

1. From which of the following beef wholesale cuts does the popular new "Flat Iron" steak come?
 - a. Chuck
 - b. Round
 - c. Loin
 - d. Rib

2. Which of the following is considered a British breed of cattle?
 - a. Simmental
 - b. Braford
 - c. Braunvieh
 - d. None of the above

3. What major stock show hosted the first-ever National Simmental Show in 2005?
 - a. The American Royal
 - b. The North American International Livestock Exposition
 - c. The Houston International Livestock Exposition
 - d. The National Western Stock Show

4. Which of the following classification of cows is considered to be the oldest?
 - a. "Short and Solid"
 - b. "Broken Mouth"
 - c. "Gummer"
 - d. "Downer"

5. True or False. Red Clover, White Clover and Crimson Clover are all considered to be legumes.
 - a. True
 - b. False

6. One unique trait that separates legumes from other forages is their ability to _____.
 - a. Thrive in arid climates
 - b. Respond well to intensive grazing systems
 - c. Fixate nitrogen from the air for the plant to utilize
 - d. Resist insect damage

7. What is meant by the term "Double Polled"?
 - a. The animal is homozygous polled
 - b. The animal has two copies of the gene for polledness
 - c. The animal is heterozygous polled
 - d. None of the above

8. "Linking SimGenetics to Commercial Cattle" is the slogan of what?
- The American Simmental Association
 - SimTalk* Magazine
 - The Register*
 - American Simbrah* Magazine
9. Which of the following popular Simmental bulls is red?
- SRS J914 Preferred Beef
 - GW Lucky Break 047G
 - Lchman Bodybuilder 7303F
 - 3C Full Figures C288 BLK
10. Which of the following is a blood sucking fly?
- Face Fly
 - Horn Fly
 - House Fly
 - Shoe Fly
11. Which of the following genomics companies report the results of their gene tests for tenderness using a system of 1, 2, 3, 4, 5 or 6 stars.
- Bovigen
 - Igenity
 - MetaMorphix Inc.
 - Frontier Beef
12. Simmental is to SimAngus as Maine Anjou is to _____.
- Balancer
 - Lim Flex
 - Beefmaster
 - MaineTainer
13. Which of the following is not a member of the ASA's newly created Field Staff?
- Jeremie Ruble
 - Kelly Schmidt
 - Lacey Robinson
 - Steve McGuire
14. Which is not a volatile fatty acid produced by microbial digestion in the bovine rumen.
- Hydrochloric acid
 - Butyric acid
 - Propionic acid
 - Acetic acid

15. Which of the following procedures are commonly used to improve the tenderness of beef?
- Electro Stimulation
 - Aging
 - Injection of enzymes
 - All of the above

For questions 16 – 22 use the following Simmental bulls found on page 49.

- Ellingson Red Line 376**
- ER Big Sky 545B**
- ES Anchors Mix N2301**
- ES Dakota NK68**

16. Which bull should generate the most profit for a commercial Angus based herd that keeps replacement females and retains ownership on all other progeny, selling these offspring on a value based carcass grid.
17. Which bull should be the best choice for the reduction of calving difficulty in the females he mates?
18. Which purebred bull should sire the highest quality grading steers?
19. Which bull offers the most value as a terminal sire?
20. Which bull has been tested for genetic translocations?
21. Which bull has had progeny evaluated using a Warner Bratzler Apparatus?
22. Which bull's offspring should have the best USDA Yield Grades?
23. Why doesn't ES Anchor's Mix N2301 have a CE or MCE EPD?
- He is a composite bull
 - He does not have enough progeny proof to justify a CE or MCE EPD
 - He has not passed DNA confirmation to his parents
 - None of the above
24. Which EPD provides the best indication of genetics for longevity of a bull's daughters?
- Milk EPD
 - Maternal Calving Ease EPD
 - Weaning Weight EPD
 - Stayability EPD
25. Which of the following breeds has used a genetic evaluation longer than American Simmental?
- American Angus Association
 - North American Limousin Foundation
 - American Shorthorn Association
 - None of the above

26. The genetic defect TH or Tibial Hemimelia is found in highest frequency in what breed of cattle?
- Chianina
 - Shorthorn
 - Gelbvieh
 - Charolais
27. True or False. Missouri registered more Simmental cattle last year with the ASA than any other state.
- True
 - False
28. The current president of the AJSA is Chase Groves. What is his home state?
- Mississippi
 - Louisiana
 - Tennessee
 - Arkansas
29. True or False. Birth Weight EPD is used as a factor in the calculation of Calving Ease EPD.
- True
 - False
30. If a calf has a Weaning Weight EPD of +30 and a Maternal Weaning Weight EPD of +23, what should his Milk EPD be?
- 7
 - +7
 - +8
 - None of the above
31. What time of year are Rye grasses best utilized for grazing?
- Late fall and early spring
 - Summer
 - Late Summer
 - Year round
32. What state registers the most Simbrah cattle with the ASA?
- Florida
 - Texas
 - Louisiana
 - Alabama
33. For years IBP was the largest beef packer in the US. What company now owns and operates the old IBP system of packing plants and processors?
- Excel Corporation
 - Swift Inc.
 - Tyson
 - Harris Beef

34. Which of the following is not one of the larger beef feeders in the US?
- Texicola Feeders
 - Five Rivers
 - Cactus
 - Irsik and Doll
35. What does Mcal stand for when evaluating a beef ration?
- The total digestible nutrients
 - The energy available in the ration
 - The dry matter content of the ration
 - The total protein found in the ration
36. True or False. A cow that is persistently infected with BVD (PI BVD) always gives birth to a calf that is persistently infected with BVD.
- True
 - False
37. What is a CIDR used for?
- Dehorning
 - Fitting a steer for show
 - Estrus synchronization
 - Reviving a stillborn calf
38. What important pregnancy hormone is produced by the corpus luteum?
- Progesterone
 - Estrogen
 - Gonadatropin Releasing Hormone
 - None of the above
39. Which brand location is most detrimental to the value of a beef hide for leather production?
- Hip brand
 - Shoulder brand
 - Jaw brand
 - Rib brand
40. A heifer carcass with A 40 maturity and a Moderate 20 degree of marbling would have _____ for a USDA Quality Grade.
- Low Choice
 - Average Choice
 - High Choice
 - Low Prime

Use the following Simmental bulls found on page 47 to answer questions 41-46.

- a. DaumeDesigned Derivative**
- b. DDD Broadway G534**
- c. Dew Mr JJ**
- d. DHR Infurno**

41. Which bull's pedigree is 100% of foreign Simmental origin.
42. Which bull offers significant genetic reach for the improvement of genetics for intramuscular fat?
43. Which is the horned bull?
44. Which bull ranks at the 85th percentile in the Simmental breed for Birth Weight EPD?
45. Which bull has the greatest potential to be a carrier for the genetic defect PHA (Pulmonary Hyperplasia with Anasarca)?
46. Which bull is a trait leader in two categories?
47. True or False. Dew MR JJ is eligible to be registered with the ASA as a SimAngus.
- a. True
 - b. False
48. Which of the following is the official web site of the American Simmental Association?
- a. www.simmental.org
 - b. www.simmental.com
 - c. www.simmgene.org
 - d. www.simbeef.org
49. The highest Yearling Weight EPD among all Simbrah sires evaluated for the Spring 2006 genetic evaluation is_____.
- a. + 41.1
 - b. +132.7
 - c. + 82
 - d. None of the above
50. True or False. Simbrah Birth Weight EPDs are directly comparable to Simmental Birth Weight EPDs in our genetic evaluation. For example, LMC MCR Power Glide has similar birth weight genetics to WH Medicine Man.
- a. True
 - b. False