

2006 AJSA Regional Senior Cattlemen's Quiz B

Choose the best answer to the following questions.

1. From which of the following beef wholesale cuts does the T-Bone steak come from?
 - a. Chuck
 - b. Round
 - c. Loin
 - d. Rib
2. Which of the following is considered an American breed of cattle?
 - a. Simmental
 - b. Red Brangus
 - c. South Devon
 - d. None of the above
3. What major stock show will host the next scheduled National Simmental Show?
 - 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. Alfalfa, Sweet Clover and Coastal Bermuda 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 Black"?
 - a. The animal is homozygous black
 - b. The animal has two copies of the gene for black coat color
 - c. The animal is heterozygous black
 - d. None of the above

8. How often each year is *American Simbrah* magazine published?
- Once
 - Twice
 - Quarterly
 - Monthly
9. Which of the following popular Simmental bulls is red?
- SRS J914 Preferred Beef
 - GW Lucky Break 047G
 - WHF Desperado 212G
 - None of the above
10. Which of the following is not a blood sucking fly?
- Face Fly
 - Horn Fly
 - Horse Fly
 - All of the above are blood sucking flies
11. Which of the following genomics companies offers the “Tru-Polled” gene test for identifying homozygous polled individuals?
- Bovigen
 - Igenity
 - MetaMorphix Inc.
 - Frontier Beef
12. Simmental is to SimAngus as Gelbvieh is to _____.
- Balancer
 - Lim Flex
 - Gelbray
 - Mainetainer
13. Which of the following is not a member of the ASA’s newly created Field Staff?
- Jeremie Ruble
 - Kelly Schmidt
 - Lacey Robinson
 - Chase Groves
14. Which of the following is a volatile fatty acid produced by microbial digestion in the bovine rumen.
- Hydrochloric acid
 - Sulphuric acid
 - Propionic acid
 - Salicylic 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 – 24 use the following Simmental bulls found on page 67.

- RAB Lucky Buck K516**
- Rains Limit Up**
- Rainsblack Boldstock 142F**
- RDDS Futureprototype 13M**

16. Among the purebred bulls listed, 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 certainly is the best choice for a large group of virgin heifers to minimize dystocia?
18. Which bull should sire the highest USDA quality grading steers?
19. Which bull's daughters should wean the heaviest calves?
20. Which bull has not been DNA parentally confirmed to his dam?
21. Which bull is a genetic outlier for improving tenderness in the Simmental population?
22. Between the two oldest bulls, which bull offers the most value as a terminal sire?
23. Why doesn't RDDS Futureprototype 13M have a CE or MCE EPD?
- He is not a purebred Simmental
 - He does not have enough progeny proof to justify a CE or MCE EPD
 - He has not passed DNA confirmation to his parents
 - He is designed to be used on mature cows only
24. Which bull is a half sib to Rains Limit Up?
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 PHA or Pulmonary Hyperplasia with Anasarca is found in highest frequency in what breed of cattle?
- Chianina
 - Shorthorn
 - Gelbvieh
 - Maine Anjou
27. True or False. Illinois registered more Simmental cattle last year with the ASA than any other state.
- True
 - False
28. The current chairman of the ASA Board of Trustees is Aaron Owen. What is his home state?
- Missouri
 - Iowa
 - Tennessee
 - Kansas
29. True or False. Calving Ease scores are used as a factor in the calculation of Birth Weight 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
 - +19
 - None of the above
31. What time of year are the Blue Stem family of grasses best utilized for grazing?
- Late fall and early spring
 - Summer
 - Winter
 - Year round
32. What state registers the most Simbrah cattle with the ASA?
- Florida
 - Alabama
 - Louisiana
 - Texas
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?
- Natural Beef Inc.
 - Five Rivers
 - Cactus Feeders
 - Irsik and Doll
35. What is the minimum percentage of Simmental required for a female to be shown in the low percentage division at an AJSA Regional or National Classic?
- 25%
 - 50%
 - 75%
 - None of the above
36. True or False. A cow that is persistently infected with BVD (PI BVD) always gives birth to a calf that immune to BVD.
- True
 - False
37. What is a “Grow Safe” system used to measure?
- Stress
 - Average daily gain
 - Feed intake
 - Animal health
38. What important pregnancy hormone is produced by the corpus luteum?
- Relaxin
 - Estrogen
 - Gonadatropin Releasing Hormone
 - None of the above
39. True or False. USDA data from the Meat Animal Research Center Report #22 shows again that females that possess more feminine features, particularly about the head and neck, usually are more reproductively successful than coarse fronted females.
- True
 - False
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 75 to answer questions 41-46.

- a. Triple C Hidden Power
- b. Triple C El Poderoso Rey
- c. Virginia's Missouri 348M
- d. VMF M40 Bullseye

41. Which bull's pedigree is 100% of foreign Simmental origin.
42. Which bull's daughters might be of particular concern when they have their first calves?
43. Which is the horned bull?
44. Which bull ranks at the 95th percentile in the Simmental breed for Birth Weight EPD?
45. Which bull would be considered the "curve bender" or "spread" bull of the group?
46. Which should add the most muscling to his progeny?
47. True or False. By percentage Simmental blood listed, VMF M40 Bullseye should be classified as a purebred Simmental.
- 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 best Stayability EPD listed among purebred Simmentals in the Spring 2006 genetic evaluation is_____.
- a. + 30.2
 - b. + 15.3
 - c. -8.7
 - 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 TNT Twister J6.
- a. True
 - b. False