

2007 AJSA Classic Intermediate Cattlemen's Quiz

Choose the best answer to the following questions

1. Which of the following is one of the positive effects of using an Ionophore?
 - a. Reduced incidence of Coccidiosis
 - b. Increased Libido
 - c. Improved conception rates
 - d. None of the above

2. True or False. Johnes disease is found almost exclusively in older cattle.
 - a. True
 - b. False

3. If the price spread between USDA Choice and Select carcasses is \$10.00/cwt and an 800 pound Low Choice carcass is worth \$1100, what is the same carcass worth if it grades USDA Select?
 - a. \$1,100
 - b. \$1,180
 - c. \$1,200
 - d. None of the above

4. Which of the following is not one of the major beef packers in the US?
 - a. Tyson
 - b. Swift
 - c. National
 - d. Wilson

5. Which of the following is not currently part of the ASA's **SimChoice**^{sv} program?
 - a. Age verification for export eligibility
 - b. Source verification
 - c. Feeder calf web-listing service
 - d. Certified health status

6. Who is scheduled to judge the cattle later this week at the National Classic.
 - a. John Edwards
 - b. Jack Ward
 - c. Randy Daniel
 - d. None of the above

7. If you are feeding silage that is 50% dry matter and you need to feed 30 pounds of dry matter per head per day to meet the requirements of a 1,200 pound cow, how many pounds of silage will you need to feed per head?
 - a. 15 pounds
 - b. 30 pounds
 - c. 60 pounds
 - d. 150 pounds

8. Which of the following EPDs won't you currently find on a Simmental PTP show program?
 - a. Terminal Index
 - b. All Purpose Index
 - c. Calving Ease EPD
 - d. All of the above are currently published on an ASA PTP show program

9. True or False. On average you can expect a Simbrah female to stay in production for more years than a Simmental female.
 - a. True
 - b. False

10. Which of the following breeds might you expect to have the greatest height and weight at maturity?
 - a. Scottish Highlander
 - b. Waygu
 - c. Red Angus
 - d. Charolais

11. What is meant by post-partum interval?
 - a. The time elapsed between ovulation and fertilization
 - b. The time required for a calf to stand and nurse after parturition
 - c. The time it takes for a beef carcass to achieve rigor mortis in the cooler
 - d. None of the above

12. Which of the following breeds has the greatest incidence of the genetic defect Pulmonary Hypoplasia with Anasarca (PHA)?
 - a. Simmental
 - b. Maine Anjou
 - c. Chianina
 - d. Polled Hereford

13. Which of the following can not be legally used for estrous synchronization programs?
 - a. Prostaglandin
 - b. GnRH (Gonadotropin Releasing Hormone)
 - c. CIDR
 - d. Estradiol

14. Which of the following diseases is common and very often fatal for young calves?
 - a. Black Leg
 - b. Bovine Perkeratosis
 - c. Marble Bone
 - d. Hypoxia

15. Which side of the animal is known as the "show side".
- Front
 - Back
 - Left
 - Right

For Questions 28-36 use the following sires found on pages 82 and 83 of the Sire Summary

- SSF Black Excel N592**
 - SSF Red Demetrius L513**
 - SSR Power Red P40**
 - SSF-SCF Autobahn 020G**
16. Which bull's sire is the oldest?
17. Which bull should be the most profitable choice to use as a terminal sire?
18. Which bull should have the least value in a rotational crossbreeding system where replacement females are retained and steers are fed to harvest and sold on a value based carcass grid?
19. Which bull is owned by a popular semen company?
20. Which bull is apt to sire the highest USDA Quality Grading carcasses?
21. Which bull should probably only be used on mature cows?
22. Which bull's daughters should wean the heaviest calves?
23. If SSS-SCF Autobahn 020G had a Stay EPD of +14.6 instead of 19.6, what would his Maternal Weaning Weight EPD be?
- +14.6
 - +19.6
 - +24.6
 - None of the above
24. True or False. Research has shown that restricting water intake for cattle actually improves health and efficiency.
- True
 - False
25. What color are the new SimChoice tags?
- Green
 - Yellow
 - Red
 - Black

26. If heifer is marketed as double polled, this means _____.
- She is homozygous polled
 - She is heterozygous polled
 - She has an excellent chance of being polled scurred
 - None of the above
27. Which of the following popular Simmental sires is heterozygous black?
- CNS Dream On L186
 - Hook's Shear Force 38K
 - GWS Ebonys Trademark 6N
 - All of the above
28. Which of the following traits can be a positive thing for exhibition cattle but a significant problem for commercial cattle production?
- Failure to shed hair
 - Above average depth of body
 - Fleshing ability
 - None of the above
29. Which Simmental ranch donated pick of their heifer crop to the ASA Foundation which was auctioned off at the 2007 National Western Stock Show in Denver.
- Gateway Ranch, Lewistown MT
 - Triple C Ranch, Emerald WI
 - Hudson Pines Farms, Sleepy Hollow NY
 - Lonesome Dove Ranch, Sturgis SD
30. True or False. Calving Ease EPD is expressed in percentage of unassisted births (+or-) you can expect a bull to sire when mated to females of mixed ages.
- True
 - False
31. The minimum Maternal Calving Ease EPD required to be in the top 20% of all Simmental bulls is _____?
- +0.3
 - +2.3
 - +2.9
 - +4.3
32. Which famous bull is known to have ASA registration # 0000001?
- Black Irish Kansas
 - DS Poll Fleck 809
 - Parisien
 - None of the above

33. The ASA Annual Service Fee for a junior membership is:
- \$25
 - \$50
 - \$75
 - \$105
34. A bull calf born with either one or both testicles not descended and usually trapped inside the body wall is called a _____.
- Cryptorchid
 - Free Martin
 - Gomer
 - Scooter
35. Measurement of pelvic area is expressed in what unit?
- Square feet
 - Cubic feet
 - Square yards
 - None of the above
36. According to the US Meat Animal Research Center Report 22, Simmental cattle rank first among continental breeds for which of the following traits?
- Calving ease
 - % USDA Choice
 - Post weaning gain
 - All of the above
37. Which below is the correct age to record weaning weights on calves?
- 121 days
 - 208 days
 - 332 days
 - 400 days
38. True or False: Cattle-Fax is an information branch of the NCBA, which supplies market outlook and inventory information.
- True
 - False
39. Which of the following can cause abortions in cattle?
- Brucellosis
 - IBR
 - Vibriosis
 - All of the above

40. Who is the current AJSA president?
- Gary Reichel
 - Harry Moser
 - Greg Bailey
 - Jeremi Wurtz
41. True or False: Continental breeds of cattle are generally faster growing, more muscular, and leaner than English Breeds of cattle?
- True
 - False
42. For cattle what is the general guideline for your calcium to phosphorous ratio?
- 1:1
 - 2:1
 - 3:1
 - 4:1
43. The T-bone steak comes from what primal cut?
- Chuck
 - Loin
 - Round
 - Flank
44. Three embryo transfer calves, two bulls and one heifer, are born on one day and are the only calves born on the farm that year, how many contemporary groups would be represented?
- 1
 - 2
 - 3
 - More information is needed to answer this question
45. True or False: Bulls that are $\frac{3}{4}$ Simmental and $\frac{1}{4}$ Brahman are listed in the “Simmental Sires” section of the sire summary
- True
 - False
46. Which university helped developed the Stayability (STAY) EPD?
- Cornell
 - University of Nebraska
 - Colorado State University
 - Kansas State University

47. Which of the following feedstuffs usually contains the highest percentage of fat on dry matter basis?
- Fescue hay
 - Soybean Meal
 - Rice Hulls
 - Corn Grain
48. From the list below, the most important nutrient required by all animals is _____?
- Protein
 - Energy
 - Salt
 - Vitamin A
49. Which of the following is a disease that causes abortion in cattle and can be transmitted to humans in the form of undulant fever?
- BVD
 - Keratoconjunctivitis
 - Malignant Edema
 - Bangs Disease
50. What percentage of an animal's genetics does its great, great, grandsire contribute?
- 6.25%
 - 25%
 - 50%
 - 65%
51. Name the two beef breeds that rank 1-2 in terms of semen used in artificial insemination in the USA.
- Angus- Red Angus
 - Simmental-Red Angus
 - Angus- Simmental
 - Angus- Hereford
52. HR Powerhouse 1 is a composite bull that is a genetic trait leader in how many traits?
- 0
 - 1
 - 2
 - 3

53. Which of the following forage crops will usually show the least positive response to an application of supplemental nitrogen?
- a. Oats
 - b. Tall Fescue
 - c. Alfalfa
 - d. Coastal Bermuda

Use these bulls on page 76 & 77 to answer the following questions

- a. Nichols Shannigan J22**
- b. OBG L104 BSD Joker 03**
- c. Peltons R Coat 3P**
- d. Pro Cattles Red Rock**

54. Which bull is labeled as the “curve bender”?
55. Which bull’s paternal grandsire is Black Irish Kansas?
56. Which bull ranks in the top 10% of active sires for both of his indexes?
57. How many bulls are below breed average for Maternal Milk?
- a. 1
 - b. 2
 - c. 3
 - d. 4
58. Between the two ½ blood bulls, which should a producer use if he keeps 15% of his heifer progeny as replacements and slaughters the remaining offspring?
59. Which bull should be used to increase rib-eye area in light muscled cows?
60. What year letter would be in PRO Cattles Red Rock's tattoo?
- a. I
 - b. H
 - c. G
 - d. E