

## 2005 AJSA National Classic

### Intermediate Herdsman Quiz

\*Choose the best answer to the following questions

1. How many members make up the ASA Board of Trustees?
  1. 16
  2. 12
  3. 8
  4. None of the above
2. What is the name given to the tube-like structure that transports food from the mouth to the stomach?
  1. Throat
  2. Rumen
  3. Esophagus
  4. Throat latch
3. Where is the genetic material in sperm located?
  1. The head
  2. The tail
  3. The body
  4. The legs
4. The shoulder of a live steer is the \_\_\_\_\_ on a steer carcass.
  1. Round
  2. Loin
  3. Chuck
  4. Brisket
5. Which of the following minerals is necessary in the greatest quantity for beef cattle?
  - A. Zinc
  - B. Lysine
  - C. Phosphorous
  - D. Copper

6. Where does food go directly after it leaves the abomasum?

1. The small intestine
2. The large intestine
3. The colon
4. The rectum

7. What is a grade animal?

1. One that is going to be harvested
2. One that has already been harvested
3. One whose sire cannot registered
4. One that is not registered

8. What is the first cross of two unrelated purebreds called?

1. F1 Cross
2. Crossbred
3. Hybrid Vigor
4. F2 Cross

9. Which of the following is the correct spelling?

- A. Brahma
- B. Braman
- C. Brahman
- D. Brama

10. True or False. Only animals that are at least 50% Angus are eligible for the Certified Angus Beef branded beef program.

- A. True
- B. False

11. Which sense is controlled by the olfactory nerve?

1. Sight
2. Smell
3. Taste
4. Feel

12. What is ringworm?

1. A Bacteria
2. A Virus
3. A Fungus
4. A Pathogen

13. Which of the following products would be most likely to contain significant levels of food borne pathogens?

- A. Uncooked hamburger
- B. Uncooked Chuck Roast
- C. Vacuum packaged Brisket
- D. Packaged Beef Salami

Use the following breeds to answer questions 14-19.

- A. Simmental
- B. South Devon
- C. Beefmaster
- D. Limousin

14. Which breed would provide the highest level of paternal heterosis?

15. Which would you expect to have the largest average rib eyes area per pound of weight?

16. Which is a British breed?

17. Which should be the best adapted to very hot climate regions?

18. Which breed was the first to publish EPDs to help improve beef tenderness?

19. Which breed has an EPD for disposition?

20. In which state will the 2006 National Classic be held?

1. Texas
2. Nevada
3. Wisconsin
4. Minnesota

21. True or False. The Percent Retail Cuts is an estimate of closely trimmed, boneless retail cuts from the round, sirloin, loin, and rib adjusted to 450 days.

1. True
2. False

22. Which compartment of a cows digestive tract is most like our own stomach?

1. The omasum
2. The abomasum
3. The reticulum
4. The rumen

23. What is the scientific class name for cattle?

1. Ovine
2. Porcine
3. Bovine
4. Equine

24. Which of the following is not generally considered a large cattle feeding (feedlot) state?

- A. Kansas
- B. Texas
- C. Nebraska
- D. North Dakota

25. Marbling in beef is primarily responsible for which consumer sensory trait?

- A. Tenderness
- B. Texture
- C. Beef Flavor
- D. All of the above

26. Which of the following factors can affect dystocia?

1. Age of dam
2. Calf birth weight
3. Sex of Calf
4. All of the above

27. Which of the following is not commonly used in estrus synchronization programs?
- A. Gonadatropin Releasing Hormone
  - B. CIDR's
  - C. Epinephrine
  - D. Prostaglandin
28. True or False. On average, crossbred females have significantly greater longevity and lifetime production than straight bred females.
- A. True
  - B. False
29. Who is the present Chairman of the ASA Board of Trustees?
- 1. Robert Campbell
  - 2. Fred Schuetze
  - 3. Aaron Owen
  - 4. Bob Volk
30. What does the term "pull" mean in a commercial feedlot?
- A. Treat a sick animal
  - B. Draw vaccine into a syringe
  - C. Sorting finished cattle out of a pen to sell
  - D. Hedging cattle on the Board of Trade to lock in sales price
31. True or False. Explosives and soap are examples of non-edible beef by products.
- 1. True
  - 2. False
32. One popular strategy to minimize the feeding of harvested forage is to \_\_\_\_\_.
- A. Feed corn silage
  - B. Feed Ionophores
  - C. Graze stockpiled grasses
  - D. None of the above

33. Which of the following is a common viral disease of cattle?

- A. E. Coli
- B. Black Leg
- C. Infectious Bovine Rhinotracheitis
- D. None of the above

34. What is a common name for tetanus?

- 1. Red nose
- 2. Lockjaw
- 3. Bangs Disease
- 4. Bloat

35. What three factors are used to calculate frame score?

- 1. Age, sex and weight
- 2. Age, sex and hip height
- 3. Age, weight and hip height
- 4. Weight, hip height and sex

36. What is the process of eliminating non-productive/undesirable animals?

- 1. Culling
- 2. Sorting
- 3. Reducing
- 4. Shipping

37. True or False. All females over 14 months of age at the AJSA regional and national classics must have a veterinary examination for pregnancy or be involved in an embryo transfer program to be eligible to show.

- A. True
- B. False

38. True or False. It is possible to feed too much protein to a beef animal.

- A. True
- B. False

39. Which of the following can be used as a non-protein nitrogen source for beef rations?

- A. Soybean Meal
- B. Wheat Midds
- C. Urea
- D. Flax Seed

40. True or False. A shot of Prostaglandin (such as Lutalyse) should bring all of the females in the herd into heat within 48 hours.

- A. True
- B. False