

2020 Hallettsville Jr. Livestock Show Junior Commercial Heifer Test

Name: Key → White Exam 2

Circle the Correct Answer

1. A 60-day calf fetus is about the size of a \_\_\_\_\_.
  - a. Dog
  - b. Bobcat
  - c. Mouse
  - d. Mature snapping turtle
2. Ivomec injectable dewormer has a withdrawal time of \_\_\_\_\_.
  - a. 0 days
  - b. 21 days
  - c. 35 days
  - d. 60 days
3. A drug or chemical that is used to kill or expel worms in beef cattle is called a \_\_\_\_\_.
  - a. Anthelmintic
  - b. Antiseptic
  - c. Vaccination
  - d. Active ingredient
4. The typical bull to cow ratio in most mature breeding programs is \_\_\_\_\_.
  - a. 1 to 10
  - b. 1 to 35
  - c. 1 to 50
  - d. 1 to 25
5. Which of the following is a benefit of cross breeding?
  - a. Breed color
  - b. Heterosis
  - c. Complementarity
  - d. Both A & C
  - e. Both B & C
6. *Bos indicus* cattle have a characteristic \_\_\_\_\_ that can be of varying sizes, but is an identifying trait of these breeds.
  - a. Color
  - b. Hump
  - c. Tail
  - d. Eye color

Key

## True/False – Circle the Correct Answer

7. *Salmonella* is a classification of viral agents that includes more than 2000 strains.
  - a. True
  - b. False
8. Dried distillers grains are used only as a protein source in cattle rations.
  - a. True
  - b. False
9. Treatment for horn flies is economically justified when the numbers of horn flies is greater than 25 per cow.
  - a. True
  - b. False
10. Dewormers are utilized to provide control of both intestinal worms and coccidia.
  - a. True
  - b. False
11. Red nose is a disease more commonly referred to as Brucellosis.
  - a. True
  - b. False
12. "Percent Calf Crop" is the number of calves weaned divided by the number of cows exposed.
  - a. True
  - b. False
13. Trichomoniasis is a viral disease that can be present in both the bull and cow.
  - a. True
  - b. False
14. Vibriosis is a bacterial disease spread by heifers.
  - a. True
  - b. False

## Circle the Correct Answer

15. Which of the breeds below is not considered a *Bos Indicus* breed?
  - a. Saler
  - c. Braler
  - d. Brangus
  - e. Beefmaster
  - f. None of the above
16. \_\_\_\_\_ is the additive genetic potential realized when crossing a Hereford cow with a Brahman bull.
  - a. Maximum gain
  - b. Hybrid vigor
  - c. Maternal strength
  - d. Carcass flexibility

Key

17. "Criteria for Intervention" in the calving process especially for heifers include \_\_\_\_\_.
- a. Water bag out for 15 minutes and no visible sign of a calf
  - b. Seeing the nose and front legs of the calf protruding from the birth canal
  - c. Cervical plug being released from the animal
  - d. Only one leg showing
18. Which of the following breeds of cattle are not of British origin?
- a. Angus
  - b. Maine Anjou
  - c. Simmental
  - d. Shorthorn
  - e. Both A & D
  - f. Both B & C
19. \_\_\_\_\_ is the recommended substance used for disinfecting syringes after vaccinations and prior to storage.
- a. Soap & water
  - b. Boiling water
  - c. Alcohol
  - d. Nolvasan
20. BQA is an abbreviation for \_\_\_\_\_.
- a. Beef Quality Attributes
  - b. Beef Quality Applications
  - c. Beef Quantity Assessments
  - d. Beef Quality Assurance
21. Non-virgin bulls for sale must be tested by a licensed veterinarian by law for \_\_\_\_\_ prior to sale.
- a. Brucellosis
  - b. Infectious bovine rhinotracheitis
  - c. Vibriosis
  - d. Trichomoniasis
22. \_\_\_\_\_ is not included in a Breeding Soundness Exam.
- a. Scrotal circumference measurement
  - b. Internal palpation of accessory sex organs
  - c. Visual assessment of eyes, teeth, feet, legs and external genitalia
  - d. Electro ejaculation for semen sample collection and sperm evaluation
  - e. Disposition rating of the bull
23. Simmental bulls with a scrotal circumference of \_\_\_\_\_ at 15-20 months of age are considered Good.
- a. 28 to 30 cm
  - b. 30 to 32 cm
  - c. 30 to 34 cm
  - d. 31 to 36 cm

Key

24. In the US beef grading system, \_\_\_\_\_ is used to estimate meat palatability.
- a. Yield Grade
  - b. Ribeye area and KPH
  - c. Quality grade
  - d. Backfat
25. The progeny of the mating of a purebred (straight-bred) bull to a purebred female of another breed is referred to as a \_\_\_\_\_.
- a. Crossbred
  - b. F1
  - c. F2
  - d. Purebred
26. If the Choice/Select spread is \$30 per hundredweight, then an 800 lb. Choice carcass is worth \_\_\_\_\_ dollars more than the same size Select carcass.
- a. \$24
  - b. \$180
  - c. \$200
  - d. \$240
27. The minimum marbling score necessary for a beef carcass to be graded as US Prime is \_\_\_\_\_.
- a. Modest
  - b. Moderate
  - c. Slightly abundant
  - d. Abundant