

**2016 Block and Bridle Stockman's Contest**  
**SENIOR Quiz**

1. What hormone is responsible for regression of the corpus luteum if a doe does not become pregnant?
  - a. Estrogen
  - b. **Prostaglandin**
  - c. Testosterone
  - d. Gonadotropin Releasing Hormone
2. Which of the following is NOT a zoonotic disease?
  - a. Ringworm
  - b. Cryptosporidiosis
  - c. Soremouth
  - d. **Bovine Viral Diarrhea (BVD)**
3. On August 15, you start to treat your market wether with Penicillin, and you inject him daily until August 18. If the withdrawal time for Penicillin is 9 days in sheep, what is the earliest date you can safely slaughter this wether?
  - a. August 18
  - b. August 25
  - c. **August 28**
  - d. September 1
4. The presence of \_\_\_\_\_ signifies a mutton carcass.
  - a. Break joint
  - b. **Spool joint**
  - c. Excessive fat
  - d. Rounded ribs
5. Your feeder steer brings \$154.35/CWT at auction. This is equivalent to:
  - a. \$154.35 per pound
  - b. **\$1.54 per pound**
  - c. \$2.06 per pound
  - d. \$0.77 per pound
6. Another name for the "Fainting Goat" is:
  - a. Boer
  - b. LaMancha
  - c. Kiko
  - d. **Myotonic**
7. Which of the following breeds was NOT used as a base for the Polypay?
  - a. Dorset
  - b. Targhee
  - c. **Lincoln**
  - d. Rambouillet
8. A sheep farm uses CIDRs in order to synchronize their ewes. What hormone are these farmers delivering to their ewes?
  - a. **Progesterone**
  - b. Estrogen
  - c. Prostaglandin
  - d. Oxytocin
9. Which mineral is supplied to cattle in order to prevent grass tetany?
  - a. Calcium
  - b. Phosphorus
  - c. **Magnesium**
  - d. Selenium
10. Pregnancy toxemia occurs when the animal is in a negative energy state. During this time, body \_\_\_\_\_ is broken down into \_\_\_\_\_.
  - a. Muscle; aldehydes
  - b. **Fat; ketones**
  - c. Muscle; fatty acids
  - d. Fat; acids
11. Which amino acid is most limiting in swine [WT1]rations?
  - a. **Lysine**
  - b. Proline
  - c. Asparagine
  - d. Glycine
12. Which of the following factors contributes to the accuracy of a sire's EPD?
  - a. The breed average EPD for that trait
  - b. **The number of calves he has sired**
  - c. The value of his sire's EPD
  - d. All of these
13. Which of the following is a factor that contributes the length of a cow's postpartum anestrous period?
  - a. Uterine involution
  - b. Calf Suckling
  - c. Nutrition
  - d. **All of these**

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14. What term refers to a heifer that is sterile due to being born twin to a bull calf?
- a. **Freemartin**
  - b. Klinefelter
  - c. Heiferette
  - d. Ketotic
15. Which of the following is a cut of goat meat?
- a. **Frenched hind shank**
  - b. Flat iron
  - c. Porterhouse
  - d. Tri-tip
16. A performance tested bull has an ADG ratio of 110. The average performance of all bulls tested was 3.0 lbs./day. What is the ADG of this bull?
- a. 1.1 lb/day
  - b. 3.0 lbs/day
  - c. 2.0 lbs/day
  - d. **3.3 lbs/day**
17. What is another word to describe the corpus luteum?
- a. **Yellow body**
  - b. Whitening body
  - c. Yellow spot
  - d. Bloody body
18. Which USDA Feeder Cattle grade could describe a well-muscled steer that is expected to reach a finished weight at less than 1,100 pounds?<sub>[WT2]</sub>
- a. Large 1
  - b. Medium 1
  - c. **Small 1**
  - d. Medium 2
19. Which genotype in swine results in a 30-50% incidence of PSE, but allows for a greater percentage of lean and superior growth?
- a. NN
  - b. **Nn**
  - c. nn
  - d. None of the above
20. Which of the following is a parameter scored during a Breeding Soundness Exam of a bull or ram?
- a. Scrotal circumference
  - b. Sperm morphology
  - c. Sperm motility
  - d. **All of the these**
21. What is the infectious agent responsible for scrapie in sheep and goats?
- a. Bacteria
  - b. Fungus
  - c. **Prion**
  - d. Virus
22. Which of these is a factor used to calculate yield grade in lamb carcasses?
- a. Carcass weight
  - b. **12<sup>th</sup> rib backfat**
  - c. Ribeye area
  - d. Gender
23. The phenotype values of three genotypes for a growth trait are as follows: AA = 30lbs, Aa = 40 lbs, aa = 10 lbs. What type of dominance is occurring here?
- a. **Overdominance**
  - b. Complete dominance
  - c. No dominance
  - d. Partial dominance
24. What does the term ad libitum mean in regards to feeding livestock?
- a. Limit fed
  - b. **Free choice feeding**
  - c. Grain-only diet
  - d. Feeding antibiotics
25. Your doe was bred on October 30. Which of the following would be closest to the due date of this doe?
- a. January 15
  - b. April 13
  - c. March 1
  - d. **March 29**