

Junior Quiz
2016 State 4-H/FFA Stockmen's Contest

1. Which livestock feed would have the highest percentage of crude protein?
 - a. Corn
 - b. Alfalfa hay
 - c. **Cotton Seed Meal**
 - d. Wheat
2. Which of the following can occur in cattle grazing lush forage during the spring?
 - a. **Grass tetany**
 - b. Acidosis
 - c. Milk fever
 - d. Urinary calculi
3. What part of the female reproductive tract houses the embryo/fetus during gestations?
 - a. Ovary
 - b. Oviduct
 - c. **Uterus**
 - d. Cervix
4. Your ewe was marked on September 1st and settled. When should she lamb?
 - a. January 15th
 - b. February 10th
 - c. **January 25th**
 - d. February 20th
5. What chemical element must be supplemented to newborn pigs?
 - a. **Iron**
 - b. Copper
 - c. Zinc
 - d. Selenium
6. Which of the following are USDA cattle yield grades?
 - a. Prime, Choice, Select
 - b. **1, 2, 3, 4, 5**
 - c. A, B, C, D, E
 - d. Acceptable, Unacceptable
7. You artificially breed your show heifer on October 2 but she does not get pregnant. When will she be back in heat?
 - a. October 15th
 - b. November 1st
 - c. **October 23rd**
 - d. November 5th
8. Ergot alkaloids are found in what common forage variety in the south eastern US.
 - a. Johnson grass
 - b. Alfalfa
 - c. **Tall Fescue**
 - d. Bermuda
9. Which of the following is a heat tolerant breed of cattle developed in the US?
 - a. Hereford
 - b. **Brahman**
 - c. Devon
 - d. Red Poll
10. Which of the following is the highest USDA Quality grade for beef carcasses?
 - a. Utility
 - b. Canner
 - c. Standard
 - d. **Select**
11. Which of the following hog breeds would be considered a terminal breed?
 - a. Landrace
 - b. Chester
 - c. **Hampshire**
 - d. Yorkshire
12. Which of the following is an example of a ruminant animal?
 - a. Chicken
 - b. Horse
 - c. **Goat**
 - d. Pig
13. Gestation length in swine is _____?
 - a. 99 days
 - b. **113 days**
 - c. 131 days
 - d. 144 days
14. What terms describes the practice of supplementing sheep with additional feed prior to breeding season to increase ovulation and fertility?
 - a. **Flushing**
 - b. Fasting
 - c. Drenching
 - d. Fattening

15. What country is the origin of Boer goats?
- England
 - Africa**
 - Australia
 - United States
16. Which of the following is not a primal cut in pork?
- Ham
 - Belly
 - Boston butt
 - d. Rack**
17. Which mineral is extremely toxic to sheep, even in very low doses?
- Copper**
 - Phosphorus
 - Iron
 - Zinc
18. According to beef quality assurance guidelines, where is the appropriate place to give an injection?
- Neck**
 - Rib cage
 - Loin
 - Rump
19. What is the estrous cycle length for goats?
- 10 days
 - 21 days**
 - 14 days
 - 27 days
20. Which one of the following genotype would be used to indicate a sheep is Scrapie susceptible?
- NN
 - RR
 - SS
 - d. QQ**
21. Your steer weighs 655 pounds on April 17th. 20 days later it weighs 725 pounds. What is the average daily gain of this steer?
- 2.75 pound
 - 3.5 pounds**
 - 3 pounds
 - 4 pounds
22. A sudden conversion to a high grain/starch diet from an all forage diet may lead to which condition in feed lot cattle?
- Acidosis**
 - Bloat
 - Listeriosis
 - Brucellosis
23. Which of the following does would be at the highest risk for pregnancy ketosis?
- A doe 3 months pregnant with a single
 - A doe 5 months pregnant with triplets**
 - A doe in late lactation nursing triplets
 - A doe nursing twins
24. What is the term used to describe a twin heifer calf born along with a bull calf?
- Cryptorchidic
 - Hermaphrodite
 - c. Free Martin**
 - Bullock
25. In monogastrics the major site of protein absorption is where?
- Stomach
 - Large intestine
 - Cecum
 - d. Small intestine**