**Please fill out your Scantron with a number 2 pencil only!!**

**Please Circle your answer on this sheet as well as the Scantron!!**

1. Which item is regularly administered to prevent disease?
2. antibiotic b. virus c. vaccine d. antiseptic

2. If a cow is bred today (February 23rd) when should you expect her to lamb?

1. Early December b. Late December c. Early November d. Mid-June

3. Which of the following species is not a ruminant?

1. Sheep b. Cow c. Swine d. Goats

4. What is the gestation period of a sow?

1. 150 days b. 114 days c. 186 days d. 90 days

5. What breed of sheep has an all-black head, no wool cap, and blacks legs?

1. Norfolk b. Suffolk c. Dorset d. Hampshire

6. The term “cow hocked” refers to what?

1. Hocks turned in when viewed from behind b. Swelling on the hocks

c. Hocks severely angled when viewed from the side d. none of the above

7. The inflammation of the mammary gland and udder tissue is referred to as?

1. Anaplasmosis b. Dermatitis c. Mastitis d. Necrotic Enteritis

8. Which scientific name refers to goats?

1. Caprine b. Bovine c. Porcine d. Ovine

9. Which of the following species is known as a seasonal breeder?

1. Cattle b. Sheep c. Swine d. None are seasonal breeders

10. Which market animal currently sells for the lowest price per pound?

 a. Steer b. Lamb c. Hog d. They are about equal

11. What does intramuscular mean?

1. Under the skin b. Within the muscle c. Within the skin d. Under the muscle

12. If a cattlemen borrows $100,000 in operating funds at a 5% interest rate, what would be his annual interest expense?

 a. $5 b. $50 c.$500 d. $5,000

13. A mature female sheep is referred to as what?

1. Mutton b. Ewe c. Wether d. Ram

14. A clean, fresh supply of which nutrient should always be provided to livestock?

1. Water b. Proteins c. Minerals d. Fat

15. Which weight best represents the ideal weight for a market hog?

1. 100 b. 150 c. 200 d. 250

16. The term finish is used to describe what?

 a. Muscling b. Leanness c. Frame Score d. Fatness

17. Which of the following is the top agricultural commodity in Virginia?

1. Cattle b. Hogs c. Broilers d. Turkeys

18. One hundred days ago your steer weighed 950 pounds, and he now weighs 1300 pounds. What is his average daily gain?

1. 2 lbs. a day b. 2.5 lbs. a day c. 3 lbs. a day d. 3.5 lbs. a day

19. Which of the following is not an English cattle breed?

1. Angus b. Shorthorn c. Charolais d. Hereford

20. When food leaves the stomach of a sheep where does it go?

1. Spleen b. Small intestine c. Large intestine d. Colon

21. A sheep without horns is called?

1. Bald b. Polled c. Un-polled d. None of these

22. Edible organs and byproducts from an animal carcass are known as?

1. Trash b. Tankage c. Variety meats d. Discard

23. True or False: Market lambs can eat grass and be ready for slaughter without grain?

1. True b. False

24. What is a prolapse?

1. A feed additive b. When the rectum becomes inverted and sticks out

c. A lamb born backwards d. When a lamb has scours

25. A muscular, fast growing sheep breed used as terminal sires is?

1. Southdown b. Polypay c. Hampshire d. Rambouillet