

**2015 State Fair of Virginia Premier Sheep Exhibitor Quiz
Senior**

1. Expected weight gain between 60 and 120 days of age for a Hampshire lamb being fed grain:
 - a) 10 pounds
 - b) 30 pounds
 - c) 60 pounds
 - d) 90 pounds

2. Which of the following traits has the highest heritability?
 - a) Number of lambs born
 - b) Fleece staple length
 - c) 60-day weaning weight
 - d) loin eye area

3. A 100 pound market lamb would typically yield a carcass weighing how many pounds?
 - a) 45
 - b) 55
 - c) 65
 - d) 70

4. Which would be considered an average muscled carcass (measured in loin muscle area) from a Suffolk lamb which had a carcass weight of 60 pounds?
 - a) 2.15 square inches
 - b) 2.75 square inches
 - c) 3.15 square inches
 - d) 3.50 square inches

5. Carcass trait with strongest relationship to percentage of closely trimmed retail cuts?
 - a) Leg score
 - b) Loin muscle area
 - c) Fat thickness
 - d) Carcass weight

6. Compared to a bull or boar, the ejaculate from a ram is:
 - a) Higher in volume
 - b) More concentrated
 - c) Less concentrated
 - d) Similar in volume

7. What is the infective agent which causes foot rot in sheep?
 - a) virus
 - b) bacteria
 - c) fungus
 - d) weed

8. Which of the following is considered a genetic disease:
 - a) Overeating
 - b) Spider syndrome
 - c) Ovine progressive pneumonia
 - d) Scrapie

9. Which of the following diseases would be commonly treated with antibiotics?
 - a) Internal parasites
 - b) Coccidiosis
 - c) Overeating
 - d) Respiratory disease

10. The internal parasites which cause the most significant production losses to sheep infect which organ?
 - a) Liver
 - b) Abomasum
 - c) Lung
 - d) Heart

11. Which vitamin is stored in the liver of sheep for several months?
 - a) Vitamin A
 - b) Vitamin D
 - c) Thiamin
 - d) Riboflavin

12. Which nutrient will cellulolytic bacteria use as substrate rather than cellulose?
 - a) Starch
 - b) Protein
 - c) Lipids
 - d) Nitrogen

13. At which stage of production would a ewe have the lowest requirements for energy and protein?
 - a) During breeding season
 - b) During late gestation carrying twins
 - c) During lactation nursing a single
 - d) During lactation nursing twins

14. Approximately how many pounds of dry matter would a 120 pound market lamb consume daily if the diet was provided ad libitum?
- a) 1.0
 - b) 2.5
 - c) 4.0
 - d) 7.0
15. What disease is caused by the organism *Clostridium perfringens*?
- a) Enterotoxemia (overeating)
 - b) Scrapie
 - c) Coccidiosis
 - d) Polio
16. Ewes lambing during which month would be expected to have the most multiple births:
- a) January
 - b) April
 - c) September
 - d) November
17. A performance tested ram lamb has an ADG ratio of 110. The average performance of all rams tested was 1.0 lbs./day. What is the ADG of this ram?
- a) 0.90
 - b) 1.0
 - c) 1.1
 - d) 1.25
18. Composite breed developed in the U.S. and currently one of the fastest growing breeds in registration numbers:
- a) Dorset
 - b) Targhee
 - c) Katahdin
 - d) Barbados Blackbelly
19. Water intake is influence by _____?
- a) Environmental temperature
 - b) Dry matter intake
 - c) Moisture content of the feed
 - d) All of the choices
20. Growing lambs fed corn and soybean meal along with poor quality hay are likely in need of which mineral?
- a) zinc
 - b) copper
 - c) calcium
 - d) phosphorus
21. The meningeal worm affects which physiological system?
- a. Respiratory
 - b. Digestive
 - c. Central Nervous system
 - d. Immune response
22. Which of the following is not considered for when adjusting lamb weaning weights?
- a) Age of the lamb
 - b) Age of the ewe
 - c) Weight of the ewe
 - d) Sex of the lamb
23. A forage which is proposed to possess anthelmintic effects is _____?
- a) Alfalfa
 - b) Teff
 - c) Serecia lespedeza
 - d) Sorghum sudan
24. The hormone responsible for milk letdown is _____?
- a) Prolactin
 - b) Oxytocin
 - c) Progesterone
 - d) Prostaglandin
25. The process of removing the hide from a lamb carcass using your hand is called _____?
- a) Skinning
 - b) Dehiding
 - c) Fisting
 - d) Ripping