

2017 TARLETON AREA LIVESTOCK EXAM

1. Which of the following wholesale cuts of beef has the highest value?

- A brisket
- B rib
- C shank
- D chuck

2. Which amino acid listed is first limiting in swine rations?

- A cystine
- B glycine
- C lysine
- D proline

3. Which Medium Wool breed of sheep has a white face?

- A Dorset
- B Suffolk
- C Shropshire
- D Hampshire

4. The growth and development of animals prior to birth.

- A embryo
- B gestation
- C placental
- D prenatal

5. In comparing breed performance for litter size in swine, which breed has the highest litter size ratio?

- A Chester White
- B Landrace
- C Duroc
- D Hampshire

6. One common characteristic between Yorkshire, Landrace, and Chester Whites is:

- A color
- B terminal qualities
- C maternal qualities
- D ear shape

7. The major objection of boar meat is the odor of the meat called boar taint. One compound causing boar taint is:

- A Testosterone
- B Skatole
- C Progesterone
- D Sulfamethazine

8. When animals band together in a herd or flock, the behavior is known as:

- A investigative
- B allelomimetic
- C agonistic
- D gregarious

9. About _____ percent of total income from all livestock marketing in the United States comes from the beef industry?

- A 52
- B 24
- C 38
- D 11

10. The average feed conversion ratio for beef cattle on full feed is:

- A 6:1-7:1
- B 3:1-4:1
- C 2:1-3:1
- D 10:1-12:1

11. Diseases caused by a virus or bacteria are classed as:

- A physiological
- B pathogenic
- C nutritional
- D morphological

12. What month of the year is the price of slaughter hogs the highest on average?

- A October
- B March
- C July
- D December

13. Which of the following is NOT required on a feed tag?

- A ingredients
- B guaranteed analysis
- C active drug ingredient
- D price per CWT

14. Fats and oils provide _____ times more energy than do carbohydrates,

- A 2.25
- B 5.5
- C 10
- D 100

15. Fistulated cattle are used primarily for _____ studies and research.

- A nutrition
- B embryo
- C breeding
- D health

16. Two factors that have a major influence on profitability in swine production are:

- A Breed; adaptability to environment
- B Breed; feed efficiency
- C Number of pigs weaned per sow; feed

efficiency

D Number of pigs weaned per sow; adaptability to environment

17. Pigs must be ear notched for _____, which is necessary for good record keeping.

- A grouping
- B identification
- C sexing
- D vaccination

18. The first milk produced by a cow after giving birth is known as:

- A lactose
- B buttermilk
- C skim milk
- D colostrum

19. Administering a medical agent to livestock that requires placement into the skin is a (n) _____ injection.

- A intradermal
- B intramuscular
- C intravenous
- D intramammary

20. Which breed of cattle is most popular in Europe?

- A Limousin
- B Simmental
- C Shorthorn
- D Maine-Anjou

21. The gestation time for cattle is:

- A 148 days
- B 350 days
- C 114 days
- D 283 days

22. Which hormone is responsible for the masculine appearance in animals?

- A Progesterone
- B Testosterone
- C Masterone
- D Estrogen

23. Which part of the ruminant stomach is recognized as the true stomach?

- A Reticulum
- B Abomasum
- C Rumen
- D Omasum

24. A permanent change in the genotype of an offspring from that of its parents.

- A dominance
- B mitosis
- C mutation
- D heterosis

25. Which agency regulates the use of feed additives in the United States?

- A Food and Drug Administration (FDA)
- B Animal Health and Production Division (AHPD)
- C Federal Register (FR)
- D United States Department of Agriculture (USDA)