



**National FFA Livestock Evaluation
Career Development Event
2015**

1. In the scientific classification of common farm animals, which animal is in the family Suidae?
 - a) Cattle
 - b) Swine
 - c) Sheep
 - d) Goats

2. Which of the major classes of farm livestock are the most efficient in converting crude protein in feed into edible protein in the form of meat?
 - a) Swine
 - b) Cattle
 - c) Sheep
 - d) Goats

3. Which state ranks number 1 in cash receipts from all classes of livestock?
 - a) Kansas
 - b) Texas
 - c) North Carolina
 - d) California

4. Which type of muscle found in the body is typically referred to as meat?
 - a) Skeletal
 - b) Smooth
 - c) Cardiac
 - d) Unstriated

5. In the mammalian respiratory system, which is not a part of the respiratory system
 - a) Pharynx
 - b) Trachea
 - c) Esophagus
 - d) Bronchi
6. Capillaries are a part of which system in the animal's body?
 - a) Circulatory
 - b) Skeletal
 - c) Lymphatic
 - d) Muscle
7. Which nutrient has the highest energy value in livestock rations?
 - a) Protein
 - b) Carbohydrates
 - c) Fats
 - d) Vitamins
8. Which amino acid is essential for swine rations?
 - a) Glycine
 - b) Histidine
 - c) Proline
 - d) Tyrosine
9. Which feed additive is used to control worms that may infest livestock?
 - a) Antibiotics
 - b) Hormones
 - c) Anthelmintics
 - d) Coccidiostats
10. Livestock feeds that contain less than 18% crude fiber when dry are called:
 - a) Concentrates
 - b) Protein Supplements
 - c) Tankage
 - d) Roughages
11. A maintenance ration for beef cattle is primarily:
 - a) concentrates
 - b) carbohydrates
 - c) protein
 - d) roughages

12. A general principle when developing a livestock ration is:
- a) Utilization of available feed
 - b) Determine the stage of pregnancy of the animal
 - c) Developing the least cost ration
 - d) Meeting the nutritional needs of the animal
13. Which state produces the highest number of beef cattle?
- a) California
 - b) Nebraska
 - c) Texas
 - d) Wyoming
14. What is an infertile female calf born as a twin to a fertile male calf called?
- a) Sex-limited
 - b) Freemartin
 - c) Markhors
 - d) Clone
15. Marketing of beef cattle accounts for what percentage of total income from all farm marketing (livestock, poultry, and crops)?
- a) 9%
 - b) 15%
 - c) 26%
 - d) 37%
16. Which disease in cattle is commonly known as mad cow disease?
- a) Bovine Spongiform Encephalopathy
 - b) Bovine Respiratory Syncytial Virus
 - c) Campylobacteriosis
 - d) Infectious Bovine Rhinotracheitis
17. Which cattle problem is associated with nutritional health?
- a) Bloat
 - b) Warts
 - c) Pinkeye
 - d) Ringworm

18. Which breed of swine has an average litter size ratio of 100 when compared to other breeds?

- a) Chester White
- b) Duroc
- c) Hampshire
- d) Yorkshire

19. What type of physical identification is used on individual hogs by most purebred swine associations?

- a) Freeze Brand
- b) Ear Tag
- c) Picture
- d) Ear Notches

20. What is average normal temperature of healthy swine in degrees Fahrenheit?

- a) 98.6
- b) 100.4
- c) 102.6
- d) 104.1

21. The sudden death of heavily muscled hogs is referred to as:

- a) Porcine Circivirus
- b) Mycoplasmal Pneumonia
- c) Porcine Stress Syndrome
- d) Porcine Cardiac Complex

22. The most common classification used for sheep:

- a) Country of origin
- b) Type of wool
- c) Color patterns
- d) Muscle quality

23. Which classification of sheep were originally bred for the production of meat?

- a) Fine Wool Breeds
- b) Medium Wool Breeds
- c) Crossbred Wool Breeds
- d) Long Wool Breeds

24. Which breed of goats' main function is the production of meat?

- a) Angora
- b) Nubian
- c) Boer
- d) Toggenburg

25. Pneumonia is a disease of both sheep and goats that affects the:

- a) brain
- b) digestive tract
- c) skin
- d) lungs