

Montana State FFA  
Livestock Evaluation Written Test 2011  
Part 2 of 3

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**\*\*\*INSTRUCTIONS: This test will be completed in THREE sections. Your group leader and test proctor will direct you which section to complete at each rotation. Please pay attention to the numbers of the questions and fill in the corresponding number on the scantron sheet. Please keep your scantron clean and use only #2 pencil. TALKING IS PROHIBITED! Good Luck!**

**9. The physical appearance of an animal is\_\_\_\_\_**

- a) Genotype
- b) Phenotype
- c) Genome
- d) Not important when selecting breeding animals

**10. In mammals, the structure by which the fetus is nourished is\_\_\_\_\_**

- a) Uterus
- b) Ovaries
- c) Cervix
- d) Placenta

**11. A non-nutritive substance that is added to feed to promote more rapid growth, to increase feed efficiency, or to maintain or improve health is called\_\_\_\_\_**

- a) Haylage
- b) Grass
- c) Feed additive
- d) Filler

**12. Night blindness is caused by a deficiency of\_\_\_\_\_**

- a) Thiamine
- b) Vitamin A
- c) Protein
- d) Biotin

**13. A deficiency of \_\_\_\_\_ causes white muscle disease or muscle degeneration in young calves.**

- a) Vitamin K
- b) Iron
- c) Potassium
- d) Vitamin E

**14. Subcutaneous injections are made \_\_\_\_\_**

- a) Under the skin
- b) In a vein
- c) Between layers of skin
- d) In the body cavity

**15. When taking the temperature of an animal, use a/ an \_\_\_\_\_**

- a) Catheter
- b) Oral Thermometer
- c) Rectal Thermometer
- d) Syringe

**16. Docking refers to \_\_\_\_\_**

- a) Vaccinating cattle and sheep
- b) Backing a cattle trailer to a loading chute
- c) Removal of the dewlap
- d) Removal of tails