

## Study Guide Level IV Written Test

Answers available in the 4-H Horse Project Member's Manual and The Horse, Evans, et al.

### Chapter 3

Basic body colors and markings  
Breeds: origins, characteristics and uses  
Teeth: types and aging by teeth, malformations

### Chapter 4

Blemishes, lameness and unsoundness: definitions and differences  
Conformation considerations: positive and negative

### Chapter 5

Type of Nutrients  
Types of Hay – timothy, grass, alfalfa, legume hay, etc., values of same  
Calcium to phosphorous ratio in horses  
Common poisonous plants of Colorado; symptoms and affected parts of the horse

### Chapter 6

Pasture management

### Chapter 8

Vital signs: What they are, where and how to take them  
Common health problems: causes, diagnosis, tests, treatments, immunizations  
Internal and external parasites: types, diagnosis, treatment, management

### The Horse

Colors: dilution of color genes and resulting colors  
Purpose of the pancreas, liver, kidneys and heart  
Sign(s) of a diet too high in protein  
Ectoparasites  
Coprophagy  
Retained placenta  
Gestation time  
Body systems: Skeletal, muscular, respiratory, circulatory, integumentary, digestive, nervous, endocrine, reproductive  
    Know the parts of the horse that make up these systems