

2023 Hippology Contest

Written Test Study Guide

Junior Division

Recommended sources to find answers:

- New Horizons – Dictionary of Equine Terms. By New Horizons Equine Education Center, Alpine Publications, Inc.
- Evans 2nd – The Horse (2nd Edition) by Evans, Borton, Hintz, Van Vleck,
- Kainer – The Coloring Atlas of Horse Anatomy. Dr. Robert Kainer and Dr. Thomas McCracken, Alpine Publications, Inc.
- AYHC 1st – Horse Industry Handbook, by the American Youth Horse Council, American Youth Horse Council.
- AYHC Youth Leaders Manual – by the American Youth Horse Council.
- Lewis 2nd – Feeding and Care of the Horse (2nd edition), by Lon D. Lewis, 456 pgs.
- State line tack catalog
- National 4-H Horse Curriculum Books:
 - Giddy up and Go
 - Head, Heart, and Hooves
 - Stable Relationships
 - Riding the Range
 - Jumping to new Heights

Topic Areas to research for the written test:

- What is the Steeplechase best known for?
- What is a halter used for?
- Have a general understanding of the Lipizzaner horse.
- What are benefits of vitamin D and what is a nickname for vitamin D?
- Understand the characteristics of the overo pattern on a paint horse.
- Understand the characteristics of the tobiano pattern on a paint horse.
- Understand the coloring pattern of these colors:
 - Bay
 - Dun
 - Sorrel
 - Chestnut
- When do vaccinations kick in?
- Understand the traits of crabgrass.
- What does the back look like of a well-balanced horse?
- Be able to describe:
 - Meadow foxtail.
 - Johnson grass
- Be able to list legumes that are good for horses.

- What is a blood spavin?
- How many coat colors are recognized by AQHA?
- Understand these parts of an Appaloosa horse:
 - White sclera of their eyes
 - The skin around their nostrils
 - Stripes on their hooves
- What is the blister beetle known for?
- What kind of stomach does a horse have?
- Understand how the coloring changes on a gray horse.
- Calories of legumes versus grasses.
- Sorghum and how it affects horses.
- What is a splint?
- What are the prominent hairs on a roan horse?
- Understand the general definition of the word “parasite.”
- Understand traits of the Suffolk Punch draft horse
- What does these markings look like:
 - Bald Face
 - Snip
 - Blaze
 - Strip
 - Star
- What does far side and offside mean with horses?
- What does it mean for a horse to be barn sour?
- What are the effects of a straight shouldered horse?
- What are traits of vitamins B and K?
- Define these words as they pertain to horses:
 - Absorption (as it deals with digestion)
 - Digestion
 - Non-essential (as it deals with amino acids)
 - Micro-minerals
 - Biosecurity
 - White line (also learn other names for white line)
 - Equine Infectious anemia (also learn other names for EIA)
 - Vector
 - Infection
 - Immunity