

2023 Hippology Contest

Written Test Study Guide

Senior 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 white line disease?
- The reproductive efficiency of a horse is lower, average, or higher than most domestic animals?
- What is a patten shoe?
- Where did the term describing the “Palomino” coat originate from?
- What does a Cremello horse look like?
- The International Buckskin Horse Association is known for registering what?
- Describe the western version of the standing martingale.
- What is buck kneed?
- Where would you find a neurologic case of Rhinopneumonitis in a horse or foal (What body part)?
- What is the parasite that causes irritation around the tail and may cause the horse to rub his tail?
- A mare in late gestation should eat how much of its body weight in forage?
- What is proud flesh?
- What is a pannier used for when trail riding?

- How far can the influenza virus travel?
- How long should a mare be immunized for tetanus prior to foaling?
- List symptoms of Potomac Horse Fever (PHF).
- How many pairs of chromosomes does a horse have?
- How can a horse owner avoid hyperthermia with their horse?
- What is a common name for the ascarid?
- What are the different types/names of the various Encephalitis diseases?
- What is the function of the navicular bone?
- What are factors that influence the selection of a horseshoe?
- What is the dental star?
- What would a farrier use to support the rear portion of the hoof in horses with navicular disease?
- What makes up the cardiovascular system?
- What are the bars in a horse's mouth?
- How many molars does an adult horse have?
- What does the term Equus mean?
- How many pounds of fecal matter does a horse produce in a day?
- What is the function of the heart in the cardiovascular system?
- Define accessory carpal bone.
- What does accommodation mean in vision terms for a horse?
- Define these terms:
 - Achilles' tendon
 - Toric breed
 - Lugger or pushy on the bit
 - Neutralize a substance.
 - Jugular groove
 - Pool (the term used in horse betting)
 - Unilateral (the term used to describe how a problem affects a horse)
- Be able to describe the American Cream Draft horse.
- Be able to briefly define these systems of the horse and what they're responsible for:
 - Cardiovascular
 - Digestive
 - Endocrine
 - Integument
 - Muscular
 - Nervous
 - Reproductive
 - Respiratory
 - Skeletal
 - Urinary