2023 Hippology Contest
Written Test Study Guide
Senior Division

Recommended sources to find answers:

- **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 kneeed?
- 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:
  o Achilles’ tendon
  o Toric breed
  o Lugger or pushy on the bit
  o Neutralize a substance.
  o Jugular groove
  o Pool (the term used in horse betting)
  o 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:
  o Cardiovascular
  o Digestive
  o Endocrine
  o Integument
  o Muscular
  o Nervous
  o Reproductive
  o Respiratory
  o Skeletal
  o Urinary