

2024 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

- What percentage of the genes of its grandsire would a foal carry?
- What is the test for Equine infectious anemia?
- What is Tetanus?
- What is the scientific name for Roaring?
- Define Tying up.
- Name some common causes for Diarrhea.
- What is Strangles caused by?
- For which disease do we vaccinate mares several times during pregnancy?
- What is another name for a parasite that that lives outside the body?

- What is the scientific name for the bot genus?
- What organ is preferred by the adult Strongylus species?
- Define Anthelmintic and its uses.
- What are Pinworms known to cause in horses?
- What are an Unconditioned stimuli known for when training horses?
- What are Conditioned stimuli known for when training horses?
- What is a primary reinforcer of behavior?
- Name some natural aids when training.
- At what stage of training would intermittent reinforcement be used?
- Which signals would you expect from the dominant horse in a herd?
- What is another name for the navicular bone?
- The tibia and fibula combine to form what external part?
- Laminitis primarily affects what bone/phalanx?
- Where is the Olecranon bone on a horse?
- How many bones are in the carpal joint?
- The cannon bone is also known as which metacarpal?
- Where is the deep flexor tendon located?
- What does it mean for a muscle to be Synergistic?
- What is the largest nerve in the horse's body.
- What is a hoof knife used for?
- What is an anvil used for?
- What is the purpose of heel and toe clips on shoes?
- For what unsoundness might the heart-bar shoe be used therapeutically?

- What is natural ventilation in a barn?
- Why should hay be stored in a separate building from horses?
- Define Otitis.
- What term is used to describe a horse with a convex profile?
- Define retina and its purpose.
- Which organ is referred to with the use of the term renal?
- How is a mule produced?
- What is a bone spavin?
- Define marrow.
- What is the NCHA dedicated to?
- Which digit does the modern horse walk on?
- What part of the horse is the near side?
- Describe the term proximal.
- Define periosteum.
- What is the body's largest organ?
- How many bones are in the skull?
- Which type of bone are vertebrae?
- Which type of joint is immovable?