

## 2020 Junior Horse Bowl Questions

- The questions will not be in this order. The numbers next to each question are only to help identify each question. There will be 30 questions in each round.
- Any questions not used in 2020 will automatically roll into 2021.
- If you have questions or need clarification, email [mrrussell@uaex.edu](mailto:mrrussell@uaex.edu) with question.
- Recommended sources to find answers:
  - *New Horizons – Dictionary of Equine Terms*. By New Horizons Equine Education Center, Alpine Publications, Inc.
  - *Evans 2<sup>nd</sup> – The Horse (2<sup>nd</sup> 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 1<sup>st</sup> – Horse Industry Handbook*, by the American Youth Horse Council, American Youth Horse Council.
  - *AYHC Youth Leaders Manual* – by the American Youth Horse Council.
  - *Lewis 2<sup>nd</sup> – Feeding and Care of the Horse (2<sup>nd</sup> 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

1. The American Stud Book is a register of Thoroughbred horses from what countries?
2. Good sanitation is the key of any successful fly control program. Name two successful means of controlling flies.
3. Name three factors that influence the water requirements of a horse.
4. What is the term for an eye that is too small for the size of the horse's head?
5. Name three ways horses can ride in a horse trailer?
6. What by-product is used extensively in diets for horses that have respiratory problems?
7. Give 5 examples of gymkhana or playday events.
8. Name four protein supplements that are commonly fed to horses.
9. Name three of the five walking gaits performed in a dressage test.
10. What is the term for the area between the last rib and the croup?
11. In the horse, which gland secretes tears?
12. There are two distinct types of Shetland pony. What are they?
13. What term is used for the six-foot length of rope used in calf roping to tie the calf's legs?
14. What is the minimum temperature that water should be for horses during the winter?
15. Name five vital signs that are assessed when examining a horse.
16. In reference to horse measurement, how big is a "hand"?
17. The visual appraisal of hay is more than just sight or looking at the hay. What are the other two components?
18. What is the term used to describe when a nail is being driven too close to the sensitive laminae?
19. What time of day do mosquitoes most commonly feed on horses?
20. What breed of horse is registered on a temporary basis until they reach the age of five years?
21. What leg marking runs from the coronet to just below the knee?
22. From what part of the horse's digestive tract are gut sounds mainly heard?
23. What problem develops from too much Vitamin D?
24. Where on a Western saddle would you find the hobble strap?
25. What infectious disease does a horse have when it develops the "sawhorse" position?

26. When does a horse begin to grow a winter coat?
27. Name the most consistent, natural conditioner for the horse's hooves.
28. What is the product of a stallion and a jenny called?
29. What is the term for a wide patch of white down the face covering the full width of the nasal bones?
30. In reference to a horse's behavior, what is meant by freezing?
31. What breed was developed from the mixture of Barb, Andalusian and Spanish Jennet?
32. Five four features of a horse trailer that provide added safety for the horse.
33. Why is it important for a horse to have a "clean" throat latch?
34. What is the spasmodic muscle contraction that produces heat to help maintain body temperature?
35. If a horse can see all the way around himself, what activity is he most likely engaged in while in the pasture?
36. What color are the eggs of the nose bot fly?
37. What type of nerve brings sensations of pressure, pain, heat and cold from the nerve endings in the horse's dermis?
38. What is the purpose of the crupper on a pack saddle?
39. What is the first step in treating and abscess?
40. What is the determining factor in the ratio of the top to the bottom line of the horse's neck?
41. What is the purpose of the hoof tester?
42. What is the name of the state in which the first American racetrack was built?
43. What is the function of a heart-bar shoe?
44. What does net energy refer to?
45. Explain the difference between monocular and binocular vision.
46. What is the single most important characteristic in equine selection and evaluation of conformation?
47. What famous foundation sire carried President James Monroe on a Muster-Day parade ground?
48. Give two functions of the "butt bar" in a horse trailer.

49. In reference to wounds or injury, give four purposes of bandaging.
50. What age/classification of horses is generally involved in tail chewing?
51. What is the major purpose of a saddle and how does it help the horse?
52. Name five conformational defects whose common name refers to another species of animal.
53. There are three types of saddles in the Hunt or Forward Seat category. What are they?
54. What is the most economical protein supplement fed to horses?
55. Approximately how many inches taller should a trailer be than the horse's normal resting position of its head?
56. What vice may increase when pelleted feeds are used as the only source of roughage?
57. A bad habit that may affect a horse's usefulness or health is called what?
58. What is the name for dark spots on a white cornet band?
59. What is bedding?
60. What is the main function of a headstall?
61. What is an impaction?
62. Horses' hooves grow at different rates of speed. Which feet grow slower? The front or hind?
63. Name three things that Vitamin A does for a horse.
64. What is the fastest gait of the horse?
65. What are two considerations when installing a paddock gate?
66. What is head-nodding?
67. Describe the ideal wither.
68. What is the term for a girth like band passed over the horse's back and around the belly? Often seen as a training aid to a horse that isn't ready for a saddle.
69. What is the most common blemish of the hind limbs?
70. What is an orphan foal?
71. In reference to pasture management, what is meant by the term carrying capacity?
72. What is the term used to describe a horse that eats dirt because of a mineral deficiency?
73. Name four changes that can be observed in the horse as it ages.

74. What strap is commonly seen on a Western bridle that is not present on a simple English Bridle?
75. What are two functions of the hackamore knot?
76. What is the purpose of an anti-sweat sheet?
77. Is the horse a ruminant or non-ruminant?
78. On what part of the horses do stable flies prefer to feed on?
79. What color horse has a black mane and tail, the body color of brown or black with light areas at the muzzle, eyes, flank and inside of the upper legs?
80. On a Pelham bit, which rein functions as the snaffle and which functions as the curb?
81. How long does food stay in the horse=s stomach before passing on into the small intestines?
82. What is the job of the skeleton?
83. What is the word that describes the art of riding a horse and understanding his needs?  
Hint: It starts with an “H”.
84. What is the proper name for nutrients sometimes referred to as “building blocks”?
85. What is the hair called that falls on the face between the ears?
86. Describe what parts of the horse interfere when a horse “forages.”
87. What is the recommended amount acreage of pasture per horse here in the south?
88. Give two functions of the “butt bar” in a horse trailer.
89. Name two general classes of hay.
90. Name two characteristics that help to develop a good person when attending horse shows?
91. What happens when hay is over cured, and baled with too low a moisture content?
92. Name three things whose length are determined by shoulder angle.
93. There are four classes of horses based upon their nutritional class or status in life.  
Name the classes.
94. What is the major purpose of a horseshoeing apron?
95. Describe a “pig-eye”
96. Give two advantages of using hay cubes.
97. What does net energy refer to?

98. What is the Nervous System made up of?
99. What are the two most important aspects of ideal conformation of the forelimbs?
100. Name two classification of vitamins.
101. What is the main reason for using a web stall guard as a door?
102. Why is a horse or mule with little or no withers undesirable as a pack animal?
103. What side is considered the off side of the horse?
104. To provide a safe interior in a horse trailer, what should be on the sidewalls, partitions, and front on the manager to prevent injuries?
105. Excessive intake of what vitamin causes calcification of lungs, heart, kidneys and other organs?
106. What is the term for an abnormal collection of blood in body tissue due to blood-vessel injury?
107. Which legume is noted for sometimes having a mold infection that may cause a horse to slobber?
108. How many times a year is a frog naturally shed in a horse's foot?
109. What is the primary function of the sole of the foot?
110. When traveling long distances, how often should a horse be offered water?
111. When was the first purebred Arabian horse breeding program started in the United States?
112. In what type of Western class is a tie-down commonly seen being used?
113. In the stable, adequate ventilation is necessary to reduce the presence of air contaminants. Give two examples of an air contaminant.
114. What is the quarter system when discussing halter and showmanship classes?
115. Name the parasite that causes formation of crusts and/or scabs on the horse's skin causing intense itching.
116. What tool is used by the farrier to remove excess hoof wall and trim hooves?
117. What is the common name for the Apocrine Tubular Glands of the horse?
118. What is the primary consideration of any horse facility?
119. Give two terms for the person who trims and applies shoes to a horse's hooves.
120. Why can foals and growing horses usually be fed in groups with little problem?

121. Horses with sickle hocks are predisposed to what problem?
122. Which of these bedding materials is the most absorbent: shavings, sawdust, and barley straw, oat straw, shredded newspaper or peat moss?
123. Which breed is the only breed to be named after an individual horse?
124. What is the French word for “horse training”?
125. How do you measure the size of an English saddle?
126. What is recommended as the best type of covering for the floor of a horse trailer?
127. What does the term lactation mean?
128. In reference to wound care, name (3) purposes of a bandage.
129. Muscles are attached to bones by what tissue?
130. When discussing horse boarding, what is meant by the term “full-board”?
131. What is the normal heart rate of a young foal?
132. Give four reasons that a horse may not have cleaned up its feed.
133. With a horse that has quarter cracks, what type of shoe can be used to transfer weight from the wall of the hoof to the frog?
134. Give four sites that a horse’s pulse may be determined by using your fingers.
135. What is the purpose of screening or dragging your pastures to spread out manure piles?
136. To what side of the heart does blood return from the body?
137. “Pounding” is a defect in the way of going often associated with what conformation defect?
138. Where on the horse should the girth of an English saddle be?
139. What is the purpose of a flank cinch on a roping saddle?
140. 2-part question. When constructing a horse stall, what spacing should be used for the bars on the partitions, and give one reason why?
141. Name the breed of draft horse that is believed to have had an infusion of Arab and Barb (hot blooded) ancestry.
142. Combined Immunodeficiency affects horses of what breed or breeding?
143. Name four things that can cause skin and hair problems in horses.
144. Which legs are the hardest part of the horse to keep sound?
145. What do bones do?

146. Name four vices that horses do that are dangerous to them.
147. Give two examples of dry processing of grain.
148. Give two reasons why you do not need to add Vitamin B to a horse's ration.
149. Give four characteristics of a healthy hoof.
150. Give four symptoms of a horse with Tetanus.
151. What is the skin color of a purebred Arabian?
152. What color are the eggs of the nose bot fly?
153. What is the term for a long rope fastened to a horse's halter allowing the horse to move in a circle around a person holding the other end of the rope?
154. On what area of the horse does "wet mange" usually first appear?
155. Name four areas of the horse that lice are usually first noticed?
156. What is the purpose of panniers on saddles?
157. This body color is reddish or copper-red; mane and tail usually same color as body, but may be flaxen.
158. What are oat groats?
159. What is a polo?
160. What does TDN stand for when discussing equine nutrition?
161. What are "trace minerals"?
162. Explain the difference between roan and gray.
163. What is the general purpose of a pre-purchase exam?
164. What type of martingale allows the rider to maintain contact with the bit at all times?
165. Name two important factors that affect hay quality?
166. The name of a hoof disease characterized by degeneration of the frog and a thick, foul-smelling discharge.
167. What is the name for the tendon located above the hock?
168. What causes heat cramps?
169. What color eyes can a true white horse have?
170. What two tendons can be involved in a bowed tendon?
171. What is the recommended amount of pasture per horse?

172. What is the term for the profuse sweating of a horse?
173. Name the type of hay that is most often infested with Blister beetles.
174. Where was the Fox Trotting horse developed in the nineteenth century?
175. What is the general term for inflammation of a tendon?
176. What is the main function of a headstall?
177. Approximately how much blood does a 1000 lb. Adult horse have?
178. Name three breeds of American horses that can trace its foundation back to the Morgan horse.
179. In reference to the horse world, give three definitions of the term maiden.
180. Which hay would ideally have a higher calcium content, timothy or clover?
181. The forearm of the horse lies between what two parts?
182. Name three ways that hay can be processed.
183. What problem can occur when using a tail wrap?
184. If a horse is afraid of something and is unable to run away from the source of fear, what top options does the horse have?
185. What by-product can be added to a horse's ration as a source of additional fiber?
186. Name three key factors to consider when purchasing a horse.
187. What is the purpose of a flank cinch on a roping saddle?
188. What type of martingale keeps a horse from getting above the bit?
189. The bottom line of a horse's neck is measured from where to where?
190. What is another name for "equine distemper"?
191. In addition of the purchase price of a horse, name three essential purchases other than hay & grain a new horse owner would need to make.
192. When feeding barley to horses, in what form should it be fed?
193. What is the proper name for a horse's front teeth?
194. What are the coat color requirements for an American Saddlebred?
195. In addition to Wall Street financier James Keene, what other prominent horseman lead the development of the Jockey Club?
196. How does influenza spread rapidly through a group of horses?

197. Name two ways that veins differ from arteries.
198. Which draft horse breed has registered more per year than all other draft breeds combined?
199. How does wheat bran differ from wheat germ?
200. How can you tell if your trailer is tall enough for your horse?
201. What leg marking extends from the coronet to mid-point on the cannon?
202. To maintain freshness, what is the maximum that commercially prepared feed should be stored in a stable?
203. What is the name for an inflammation of the udder?
204. What is it called to rub a horse with a sack, saddle blanket, or tarp as a part of gentling and training?
205. In reference to “Body Condition Score”, name three of the six body sites that are evaluated.
206. For proper digestive tract function, horses require a minimum of what percent of their body weight per day in long-stem dry matter?
207. For a horse’s ration, approximately what percentage of the body weight should be long stemmed roughage?
208. What color skin does a true white horse have?
209. What is a pannier on a saddle used for?
210. How often should your horse receive a vaccination for strangles?
211. What is the most important factor when selecting a horse?
212. What breed of American horse is registered with the USTA?
213. What type of saddle is most noted for the high thigh rolls located near the front of the saddle?
214. What type of saddle is specially designed with a flat seat, forward short flaps, and no extra knee roll?
215. Name 6 items that you should include in a trailer first-aid kit.
216. Give two functions of clips on horseshoes.
217. In reference to feed processing, what is the term for grain that passes through rollers with corrugated surfaces?
218. Which grain when fed in excess may form a dough-ball in the horse’s stomach?

219. 2 part question. How many chestnuts does a horse have and where are they located?
220. How often should a horse have its teeth checked?
221. In reference to an English saddle, what is the term for the channel that runs down the center of the underside of the saddle?
222. How is Eastern Equine Encephalomyelitis transmitted to horses?
223. Name four factors that can cause temperature variation in the individual horse.
224. Why is it important for the rider to stay deep in the saddle and sit up straight?
225. Your horse has been injured and is bleeding. How would you know that an artery is involved?
226. In reference to disposition, describe the perfect eye on a horse.
227. What is a farrier?
228. In what part of the horse's digestive tract are soluble carbohydrates digested to simple sugars?
229. What is the term for the solid pieces of leather that are attached to the headstall of a driving bridle alongside of each eye so the horse cannot see to the side?
230. At the turn of the century, what was the standard that the Standardbred horse had to meet in order to become registered?
231. In addition to the hitch, how should a bumper-pull trailer be attached to the towing vehicle?
232. What is the general term for a disease that is communicable or transmissible from one individual to another?
233. How long does it take for a stable fly to progress from an egg to an adult?
234. What is the study of hormones and their effects called?
235. There are two general reasons that people purchase horses. Name them.
236. Define parrot mouth.
237. Approximately, how much does an average mature American Miniature horse weigh?
238. 2 part question. In reference to way-of-going, what is plaiting and what type of conformation results in this way of travel?
239. Where in the horse's digestive system would you find bot larva attached?
240. What type of vision does a horse use to judge distance?
241. How many beats does a canter or lope have?

242. The horse is classified as a nonruminant herbivore. What does this mean?
243. What type of English saddle is designed to give the rider optimum leg contact with the horse?
244. What is the term for one who rides horseback?
245. What two factors determine hoof size?
246. Name four questions a horse owner must answer when deciding to keep a horse at home.
247. What are two considerations when installing a paddock gate?
248. Where on the horse is height measured?