

2012

**REGIONAL 4-H
HORSE BOWL**



JUNIOR DIVISION

2012 Regional Horse Bowl Contest

Junior Division

Special Instructions

SEEDING ROUND (Central Region Only) – This first set of questions will be used in the Central Region to “seed” teams prior to beginning 1st Round Play.

QUESTION SETS (1-20) – There are 20 sets of 20 questions organized exactly as they have been in the past. There will be some repeated questions in this division due to the limited amount of study material available for this division.

BONUS QUESTIONS – There should be ample bonus questions for this division. Questions are listed in random order.

TIE BREAKERS AND REPLACEMENT QUESTIONS – There are 5 “sets” of 20 questions. Ignore the “set” organization. Some of these questions will likely be repeats of questions already asked during regular game play. The questions are not numbered so just make a “X” next to the questions used to keep track of which ones were used. If used as a replacement set, you can simply write the question number next to the question.

Good luck with your contest!

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Seeding Round (Central Region Only)

Q#	Question	Answer	Cat	Ref
1's	Traumatic arthritis of what joint results in osselets?	Fetlock Joint	Health	HIH 455-5
2's	What farrier tool is used to remove the surplus growth of the hoof wall?	Hoof nippers	Foot	HIH 530-1
3's	What farrier tool is used to make a level bearing surface after the hoof has been trimmed?	Rasp	Foot	HIH 530-2
4's	What are two negative consequences of using hoof pads?	Weakened soles and pad dependency.	Foot	HIH 515-5
1's	What device located behind each horse in a trailer, provides a safety mechanism in case a door comes open?	Butt Bar or Butt Chain	Tack	HIH 1155-3
2's	How many incisors do horses have in their upper jaw?	Six	Health	HIH 405-1
3's	A horse's "mother" is called its what?	Dam	Intro	ES 23
4's	What is the main use for a close contact saddle?	Jumping	Tack	HIH 1100-1
9	Name two types of horses on which wedge-heeled aluminum shoes are commonly used.	1. Hunters, 2. Jumpers, 3. Steep-pasterned pleasure horses, laminitis	Foot	HIH 515-5
10	What are two types of horse trailer hitches?	Gooseneck, Bumper-pull	Tack	HIH 1155-1
11	What part of the hoof is prone to bruises?	Sole (toe and quarter areas)	Health	HIH 455-3
12	What type of rein is formed by one continuous rein attached to each side of the bit?	A contest/roping rein	Tack	HIH 1100-8
13	What is defined as the inflammation of a joint?	Arthritis	Health	HIH 450-5
14	What type of bit does not apply pressure to a horse's mouth?	Hackamore	Tack	HIH 1100-8
15	What type of horses are mainly affected by threadworms?	young foals	Health	ES 190; HIH 430-3
16	When do the intermediate permanent incisors erupt?	3 1/2 years	Select	HIH 240-2
17	What bone is affected by laminitis?	P3, pedal or coffin	Foot	HIH 505-5
18	What organization is represented by the initials NCHA?	National Cutting Horse Association	Intro	HIH 180D-2
19	What organization is represented by the initials USDF?	United States Dressage Federation	Intro	HIH 181D-1
20	What type of pressure does a snaffle bit apply?	Direct pressure	Tack	HIH 1100-8

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Question Set 1

Q#	Question	Answer	Cat	Ref
1's	What external parasite lays yellowish white eggs on the legs of the horse?	Bot Fly (Bot)	Health	ES 188; HIH 415-5
2's	Based on its digestive system, what type of animal is the horse classified as?	Nonruminant herbivore	Nutr	HIH 710-1
3's	The single most important characteristic in equine selection which forms the basis for movement, length of stride and performance is referred to as what?	Balance	Select	HIH 220-5
4's	What breed name is represented by the initials POA?	Pony of the Americas	Intro	HIH 167B-1
1's	What breed registry is represented by the initials IBHA?	International Buckskin Horse Association	Intro	HIH 154B-1
2's	Parasitic wasps can be used to control what problem at a horse barn?	Flies	Health	HIH 415-3
3's	In addition to a pre-purchase exam, what records might a prospective owner request from the seller?	Any of the following are correct: 1. deworming, 2. vaccination3. complete health records	Select	HIH 210-5
4's	Name the body color that describes a smokey or mouse-colored horse with a black mane and tail and often a dorsal stripe.	Grulla	Intro	HIH 140-1, ES 43
9	Name the fat-soluble vitamins.	A, D, E, K	Nutr	ES 111; HIH 710-2, 760-10
10	What term is used to describe a horse that is "off" or "unsound" in its way of going?	Lame	Health	HIH 455-1
11	Name two internal parasites that can lead to colic.	large roundworms (ascarids); tapeworms; strongyles (large and/or small); bots	Health	ES 188,189; HIH 435-3
12	What is the common name for strongyles?	Bloodworms	Health	ES 188; HIH 430-1
13	What is a farrier?	A person who trims and/or applies shoes to horses' hooves	Intro	HIH 110-5
14	What is the purpose of an anti-sweat sheet?	To wick moisture away from the body after a hard workout.	Tack	HIH 1100-12
15	What is the normal respiration rate for an adult horse?	8 - 16 breaths per minute	Health	ES 155; TH 594
16	Under normal conditions how does the horse cool itself?	By sweating	Health	HIH 410-1
17	When using the curb reins on a pelham bit what two areas beside the mouth receive	Curb groove and poll	Tack	HIH 1100-10
18	What is the most important factor affecting the quality of a forage?	Stage of maturity at time of harvest	Nutr	HIH 760-4
19	During hot weather, when is the best time to do strenuous riding?	Early morning or late evening	Health	HIH 410-1
20	All open wounds are contaminated by what?	Bacteria	Health	HIH 440-2

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Question Set 2

Q#	Question	Answer	Cat	Ref
1's	What characteristics of the foot must be taken into consideration when fitting shoes?	Functions and movements of the foot.	Foot	HIH 515-1
2's	What is the name for a mature female horse?	Mare	Intro	HIH 110-5, ES 23
3's	What part of the horse's body is particularly at risk for puncture wounds?	Hoof	Health	HIH 440-1
4's	The cannon bone is located on what part of the horse's body?	The leg	Select	HIH 220-3
1's	Name two types of Western type headstalls.	1. Split ear, 2. Slip ear (one ear), 3. Conventional	Tack	HIH 1100-8
2's	What is the tool used to clean out the bottom of the horse's foot?	Hoof pick	Foot	HIH 530-1, 535-2
3's	Approximately how much feed material is contained in the large colon of an average horse?	14-22 gallons (86 quarts)	Nutr	ES 113; HIH 710-2
4's	What part of the horse is affected by navicular disease?	Hoof	Foot	HIH 540-3
9	What sex of horse is not recommended for exhibition by youth or 4-H?	Stallion	Select	HIH 210-4
10	When do the center permanent incisors erupt?	2 1/2 years	Select	HIH 240-2
11	What two pieces of tack are connected by the English Standing Martingale?	Noseband to the Girth	Tack	HIH 1100-10
12	The term for a horse whose toes point outward (toes-out) is also called what?	"Splay Footed"	Select	HIH 230-2
13	What is the single most important characteristic in conformation selection?	Balance	Select	HIH 220-5
14	An abnormality that does not affect the intended use or performance of a horse is called what?	Blemish	Select	HIH 230-1
15	What is the common number of permanent teeth for a stallion?	40 (or 42 if including wolf teeth)	Select	HIH 240-3
16	What is the name given to horses 14.2 hands tall and smaller?	Pony	Intro	ES 20, TH 16
17	What environmental factor stimulates hair growth of a horse?	Shorter length of daylight	Health	HIH 420-1
18	Cutting competitions are typically dominated by what breed?	American Quarter Horse	Intro	HIH 180D-2
19	What American breed registry registers Appaloosa horses?	Appaloosa Horse Club	Intro	HIH 152B-1
20	How many cheek teeth do horses generally have?	Six on each side of each jaw, 24 total	Health	HIH 405-1

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Question Set 3

Q#	Question	Answer	Cat	Ref
1's	How often should horses hooves be trimmed or reshod to keep the feet in balance?	Every 4 to 6 weeks	Foot	HIH 525-2
2's	What type of cinch would you find on a decker pack saddle?	Center-fire rigged single cinch	Tack	HIH 1125-1
3's	What is the term for the sole bruises caused by leaving short heeled shoes on too long?	Corns	Foot	HIH 540a
4's	What is the primary means by which horse parasites are spread?	manure (eggs)	Health	HIH 430-4
1's	What internal temperature range indicates that a horse is suffering heat exhaustion?	105 - 109 degrees Fahrenheit	Health	HIH 410-1
2's	What is the purpose of the digital cushion?	To absorb shock	Foot	HIH 505-4
3's	What metal bit material increases salivation to make the mouth more responsive?	Copper	Tack	HIH 1100-10
4's	What is the ideal slope of the shoulder?	45 to 50 degrees	Select	HIH 220-6
9	What type of open wounds are irregularly shaped with torn edges?	Lacerations or tears	Health	HIH 440-1
10	A dished profile, prominent eyes, large nostrils, and a small "teacup" muzzle are characteristics of what breed?	Arabian	Intro	HIH 153B-1
11	What is the term for an altered or castrated male horse of any age?	Gelding	Intro	HIH 110-5, ES 23
12	On what general structure is the white line found?	Hoof	Health	HIH 505-1
13	What is the term used to describe the eating of feces?	Coprophagy	Health	HIH 425-6
14	What tool is used to locate bruised or punctured areas of the foot or to diagnose foot bone diseases or injuries?	Hoof Tester	Foot	HIH 530-3
15	Age determination is most accurate before a horse reaches approximately what age?	10 to 14 years	Select	HIH 240-1
16	What type of rein is formed by one continuous rein attached to each side of the bit?	A contest/roping rein	Tack	HIH 1100-8
17	Complete this phrase... "No (blank) No Horse"	Foot (No Foot, No Horse)	Foot	HIH 505-1
18	What causes gastric ulcers?	Excessive grain intake, feed restriction, stress (stabling or trailering), lack of forage etc...	Health	HIH 435-2
19	What is the most common legume hay fed to horses?	Alfalfa	Nutr	HIH 760-2
20	What age of horse is primarily affected by ascarids?	Foals and young growing horses	Health	ES 189; 430-1

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Question Set 4

Q#	Question	Answer	Cat	Ref
1's	Define the word "tack."	Any or all of the equipment (saddle, bridle, harness) used to ride and/or drive a horse.	Tack	HIH 1100-1
2's	What insect commonly contaminates alfalfa hay?	Blister beetle	Nutr	HIH 760-2
3's	What breed registry is represented by the initials PBA?	Palomino Horse Breeders of America	Intro	HIH 164B-1
4's	Name the Native American tribe that played an important role in the development of the Appaloosa horse.	Nez Perce	Intro	HIH 152B-1
1's	When viewed from the rear, horses that are out at the hock and in at the toe have what conformational fault?	Bow legged or Bandy legged	Select	HIH 230-7
2's	When do the intermediate permanent incisors erupt?	3 1/2 years	Select	HIH 240-2
3's	At what gait is lameness usually the most pronounced?	Trot	Health	HIH 455-1
4's	What is defined as a mechanical technique to assist in the medical treatment of foot or limb disease?	Therapeutic shoeing.	Foot	HIH 515-2
9	What type of shoe distributes the weight across the hoof wall and the frog?	Heartbar Shoe	Foot	HIH 515-4
10	What two minerals are present in white salt?	Sodium and chloride	Nutr	HIH 760-10
11	Name the most severe foot ailment	Laminitis	Foot	HIH 540-1
12	What piece of equipment is designed to protect the hoof wall?	A shoe	Foot	HIH 515-1
13	When bandaging the rear leg, it is important to not put direct pressure over what part of the hock?	Point of the hock	Health	HIH 1160-3
14	In which general type of breeds is it desired to see bulge, ripple, and definition of muscling?	Stock horse breeds	Select	HIH 220-7
15	What is the largest non-formal youth development organization in the United States?	4-H	Intro	HIH 190D-1
16	What substance in the mouth begins the process of digestion?	Saliva (amylase)	Nutr	HIH 710-1
17	What is the term for a horse whose toes point inward, also known as toed in?	pigeon toed	Select	HIH 230-1
18	What is the term used to describe a professional specializing in equine hoof care?	Farrier	Foot	HIH 555-1
19	What is the name of the registry for horses of Pinto coloration and stock-type breeding?	American Paint Horse Association	Intro	HIH 163B-1
20	What organization is represented by the initials NRHA?	National Reining Horse Association	Intro	HIH 183D-1

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Question Set 5

Q#	Question	Answer	Cat	Ref
1's	What piece of farrier's equipment is hammered on, in order to shape the shoe?	Anvil	Foot	HIH 530-4
2's	What breed registry is represented by the initials APHA?	Amerian Paint Horse Association	Intro	HIH 163B-1
3's	What is purpose of adding shanks to the mouthpiece of a bit?	To create leverage (or allows the bit to apply pressure)	Tack	HIH 1100-8
4's	Name one device that can be added to shoes to provide additional traction in muddy or snow conditions	Toe calks, heel calks, studs, borium	Foot	HIH 515-4
1's	What Spanish breed is known as "the horse with the fine walk"?	Paso Fino	Intro	HIH 165B-1
2's	What is the name for an adult intact male	Stallion	Intro	HIH 110-5, ES 23
3's	Of what material are "never-rust" bits and hardware made?	Solid nickel	Tack	HIH 1100-10
4's	The Stomach, the small intestine and the cecum are part of what body system in the	The Digestive System	Nutr	ES 108; HIH 710-2
9	What white leg marking extends from the coronary band to the bottom of the fetlock?	Pastern	Intro	HIH 140-2, TH 83
10	What type of pressure does a snaffle bit apply?	Direct pressure	Tack	HIH 1100-8
11	An extension backward of the flexor tendon caused by tearing or stretching is known as what?	Bowed tendon	Select	HIH 230-4
12	The very top of the horses head is called the what?	the poll	Select	HIH 220-3
13	Galvayne's Groove appears at about what age?	10-12 years of age	Select	HIH 240-4
14	What physical attribute of the horse is related to body condition score?	Degree of fat cover	Nutr	HIH 710-4
15	If someone wants to begin a breeding program, what two sexes should be purchased?	Mares and stallions	Select	HIH 210-4
16	Why should a horse be tied or cross-tied when evaluating it for purchase?	A horse that will not stand tied has limited use and is a risk for injury.	Select	HIH 210-5
17	Larvicides are insecticides designed to kill what?	Fly larvae.	Health	HIH 415-4
18	What is the most commonly used metal for manufacturing bits?	Stainless steel	Tack	HIH 1100-10
19	What equine sport, known as the "game of kings", utilizes a mallet and ball?	Polo	Intro	HIH 182D-1
20	What dental treatment is needed if a horse is continuously dropping its feed?	Its teeth need to be floated	Health	HIH 420-2

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Question Set 6

Q#	Question	Answer	Cat	Ref
1's	What should the percent moisture content be in stored hay?	10%	Nutr	HIH 760-1
2's	Name two breeds of horses characterized by white patterns that may appear on any base color.	Appaloosa, Paint, Pinto, POA, Knabstrupper	Intro	HIH 140-1
3's	Which fat soluble vitamin is called the "sunshine vitamin"?	vitamin D	Nutr	ES 123
4's	Horses that sweat profusely lose water as well as what?	Electrolytes (salts)	Health	HIH 410-1
1's	What are the two most important energy-producing nutrients in equine diets?	carbohydrates and fats	Nutr	ES 143
2's	Mange is a contagious skin disease caused by what type of parasite?	Mites	Health	ES 187; 415-8
3's	A deviation in structure or function that interferes with the horses intended use or performance is called what?	Unsoundness	Select	HIH 230-1
4's	What device located behind each horse in a trailer, provides a safety mechanism in case a door comes open?	Butt Bar or Butt Chain	Tack	HIH 1155-3
9	Name two areas where muscling in the horse can be observed?	(Two of the following possible answers) 1. Arm, 2. Forearm, 3. Shoulder, 4. Stifle, 5. Gaskin, 6. Pectorial Area 7. Rear Quarters	Select	HIH 220-7
10	What is the term for a horse with too much slope to the pastern?	Coon-footed	Select	HIH 220-6
11	What is the term for an immature female horse?	Filly	Intro	HIH 110-5
12	What is the name of the small rudimentary teeth that appear just in front of the upper cheek teeth, rarely present in the lower jaw?	Wolf teeth	Health	HIH 405-1
13	To help a horse generate more body heat to stay warm in the winter, additional amounts of what type of feed should be provided?	Hay or Forage	Health	HIH 420-2
14	What structure in the hoof supports the primary weight of the horse?	Hoof wall	Foot	HIH 505-4
15	Ossification of the lateral cartilages that cause calcium to accumulate and harden are called what?	Side Bones	Select	HIH 230-4
16	What is the name of the procedure of filing the sharp edges or points on a horse's teeth?	Floating	Intro	HIH 110-5
17	What is another name for a castrated horse?	Gelding	Select	HIH 210-1
18	What color pattern name is used to describe horses with both overo and tobiano characteristics?	Tovero	Intro	HIH 163B- 1
19	Wall climbing and other bad trailering habits can be the result of what?	Poor driving practices, fast turns, stops, starts and lane changes	Tack	HIH 1150-1
20	What type of stirrup allows easier release of the rider's foot?	"Breakaway stirrup"	Tack	HIH 1100-3

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Question Set 7

Q#	Question	Answer	Cat	Ref
1's	A bony enlargement that appears on the inside and front of the hock and tapers into the cannon bone is known as what?	Bone spavin or Jack spavin	Select	HIH 230-4
2's	When do deciduous corner incisors erupt?	6 to 9 months	Health	HIH 405-1
3's	Horse height is measured in what unit?	Hands	Intro	ES 27, TH 16
4's	What part of the hoof is prone to bruises?	Sole (toe and quarter areas)	Health	HIH 455-3
1's	Canine teeth are also known as what?	Tushes or tusks	Select	HIH 240-3
2's	When do the corner permanent incisors erupt?	4 1/2 years	Select	HIH 240-2
3's	What is the Western version of a Standing Martingale?	Tie-down	Tack	HIH 1100-10
4's	What is the key factor to consider when selecting a vehicle to pull a trailer?	Safety	Tack	HIH 1155-1
9	The process of desensitization of the foal to the farrier is part of a larger process known as what?	Imprint Training	Foot	HIH 525-2
10	What is the name of the slowest gait that is common to all breeds of horses?	walk	Intro	ES 70
11	What is a pus pocket or infection of the sensitive structures of the foot?	Abscess	Foot	HIH 540-2
12	For how long does the horses foot increase in size?	Until it is full grown or at 5-6 years of age.	Foot	HIH 525-4
13	When properly used this piece of equipment is meant to guide a horse and urge him on, not to abuse, and should never be used in anger.	Crop, whip or jump bat	Tack	HIH 1100-14
14	The neck is used by the horse as a what?	Balance arm	Select	HIH 220-5
15	What respiration rate indicates heat exhaustion is occurring in a resting horse?	More than 30 breaths per minute	Health	HIH 410-1
16	A tool used to open nail holes to better accomodate a horseshoe nail	Pritchel	Foot	HIH 530-4
17	Who is quoted as saying "The outside of the horse is good for the inside of a man?"	Will Rogers	Select	HIH 210-1
18	What is the name for a pad that is removable after the shoe is on the foot?	Hospital Plate	Foot	HIH 515-5
19	What is the primary goal of a pleasure saddle?	Comfort	Tack	HIH 1100-4
20	When evaluating a horse for purchase, which of the three -- Buyer, Seller or Trainer should not ride the horse first?	The Buyer (due to safety considerations)	Select	HIH 210-5

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Question Set 8

Q#	Question	Answer	Cat	Ref
1's	Describe the ideal withers.	Sharp, prominent, and well defined	Select	HIH 220-6
2's	How many incisors do horses have in their upper jaw?	Six	Health	HIH 405-1
3's	What is the best and most simple way to initially clean a wound?	Hosing (with water)	Health	HIH 440-3
4's	What are the two basic types of English saddles?	1. Forward (or Huntseat) and 2. Flat (or Saddleseat)	Tack	HIH 1100-1
1's	What is the correct term for the outer edge of the horse shoe?	Outer Rim	Foot	HIH 515-1
2's	Describe the leg conformation of a horse that is "knock-kneed."	The entire knee is set to the inside of the horses leg	Select	HIH 230-3
3's	What disease is characterized by a fungal infection of the hoof wall?	White line disease	Foot	HIH 540a
4's	At what age does a "smooth mouth" typically appear?	11 years old	Select	HIH 240-3
9	A newborn foal will develop front incisor teeth within the first how many days of life?	8	Select	HIH 240-1
10	An unregistered horse is referred to as what kind of horse?	Grade	Select	HIH 210-3
11	What parasite of the horse causes severe irritation around the tail area?	Pinworms	Health	ES 189; HIH 430-3
12	What condition is associated with destruction of the frog by anaerobic bacteria?	Thrush	Foot	HIH 540-1
13	What is the term for the angle formed where the upper and lower incisor teeth meet?	Angle of incidence (or incisive arcade)	Select	HIH 240-3, 4
14	What compound puts vital oils back into leather that use and cleaning remove?	Leather conditioner	Tack	HIH 1100-14
15	What are the three basic parts of a bridle?	1. Headstall, 2. Bit, 3. Reins	Tack	HIH 1100-6
16	What is the term for an intact immature male horse?	Colt	Intro	HIH 110-5
17	What is the oldest and most common method for selecting hay?	Visual appraisal	Nutr	HIH 750-5
18	What habit consists of a sustained movement of the upper body and head from side to side?	Weaving	Health	HIH 425-6
19	What term is used to describe the disruption and/or tearing of the tendon fibers in the horse's leg?	Bowed Tendon/Tendonitis/Tendon Strain	Health	HIH 455-7
20	A bony enlargement surrounding the bones of the pastern is known as what?	Ring Bone	Select	HIH 230-4

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Question Set 9

Q#	Question	Answer	Cat	Ref
1's	Name the body color that may range from tan to reddish-brown with a black mane and tail.	Bay	Intro	HIH 140-1, ES 39, TH 80
2's	What body measurement is a "weight tape" based on?	Heart girth	Nutr	HIH 720-1
3's	Name another type of saddle besides the decker or crossbuck that can be used as a pack saddle.	Stock saddle or McCellan saddle	Tack	HIH 1125-1
4's	What breed registry is represented by the initials ASHA?	American Saddlebred Horse Association	Intro	HIH 169B-1
1's	What is the most common medical emergency in horses?	Colic	Health	HIH 435-3
2's	What are two types of horse trailer hitches?	Gooseneck, Bumper-pull	Tack	HIH 1155-1
3's	If the middle incisors of the upper jaw are so far forward that they do not contact the incisors of the lower jaw, this horse is said to be what?	Parrot-mouthed	Health	HIH 405-4
4's	"Sorrel" is often used interchangeably with what other body color term?	Chestnut	Intro	ES 40, TH 80
9	Name the condition indicated by the following stance...Front feet extended forward and hind feet drawn under the body for support.	Acute Laminitis	Foot	HIH 540-4
10	What is the name for a young horse under 6-12 months of age of either sex?	Foal	Intro	HIH 110-5, ES 23
11	What farrier tool is used to remove the surplus growth of the hoof wall?	Hoof nippers	Foot	HIH 530-1
12	What procedure gives a veterinarian the most valuable information in diagnosing the type of colic that is occurring?	Rectal palpation	Health	HIH 435-2
13	What test is used to determine the amount of lime and fertilizer to apply to pasture?	Soil test	Nutr	HIH 730-3
14	What are the two most commonly used products designed to protect the horse's leg during transportation?	Shipping quilts with wraps and shipping boots	Tack	HIH 1160-3
15	What is the type of bridle that features an additional headstall and allows for two bits in the horse's mouth?	A "full bridle"	Tack	HIH 1100-6
16	How many inches taller should the trailer be than the horse's head at a normal resting position?	10 inches	Tack	HIH 1155-2
17	What encourages development of maximum bone and hoof size?	Optimum nutrition	Foot	HIH 505-1
18	How many inches are in a hand?	4 inches	Intro	ES 27, TH 16
19	Name two breeds that most often use a Saddleseat type of saddle.	1. Saddlebreds, 2. Morgan, 3. Tennessee Walking Horse, 4. Arabian	Tack	HIH 1100-1
20	The American Miniature Horse must not exceed what height?	34 inches	Intro	HIH 160B-1, TH 67

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Question Set 10

Q#	Question	Answer	Cat	Ref
1's	What white leg marking extends from the coronary band to between the fetlock and knee?	Sock or half-stocking	Intro	HIH 140-2, TH 83
2's	Young permanent teeth have deep indentures in the center of their surfaces and are known as what?	Cups	Select	HIH 240-3
3's	The slope of the shoulder influences the length of what?	Stride	Select	HIH 220-6
4's	At about what age does Galvayne's Groove completely vanish?	30 years age	Select	HIH 240-4
1's	The Withers, back, loin or coupling, and croup refer to what area of the horse?	Topline	Select	HIH 220-6
2's	What are three basic types of bits?	1. Snaffle, 2. Curb (leverage), 3. Hackamore	Tack	HIH 1100-8
3's	What two types of bits are combined in a Pelham bit?	Snaffle and curb	Tack	HIH 1100-10
4's	What are the 12 front teeth in the horses mouth called?	Incisors	Select	HIH 240-2
9	What does a stronger than usual pulse in the foot indicate?	Inflammation or laminitis	Foot	HIH 505-5
10	A horse's "father" is called its what?	Sire	Intro	ES 23
11	What type of bit does not apply pressure to a horse's mouth?	Hackamore	Tack	HIH 1100-8
12	What is the name for the leather, rope, or nylon headpiece that is used to control, lead, and tie a horse?	Halter	Intro	HIH 110-5
13	What is the name for the second and third nail holes on a horse shoe?	Quarter Nail Holes	Foot	HIH 515-1
14	What two areas of the foot are separated by the white line?	The sole and the wall	Foot	HIH 525-1
15	What is the framework that gives the body form and protects vital organs?	The skeletal structure	Select	HIH 230-1
16	What are the two main types of adult Strongyles?	large and small	Health	ES 188; HIH 430-1
17	The trot or jog is a ____ beat gait.	2	Intro	ES 72
18	The pastern is located on what part of the Horses body?	The leg	Select	HIH 220-3
19	What is the name for the first nail hole on a horse shoe?	The toe nail hole	Foot	HIH 515-1
20	What is the practical purpose of a breastcollar?	To keep the saddle from sliding backwards or sideways.	Tack	HIH 1100-12

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Question Set 11

Q#	Question	Answer	Cat	Ref
1's	What are used on horse shoes to take the stress off the nails and stabilize the shoe on the foot?	Clips	Foot	HIH 515-2
2's	Superficial skin wounds resulting from rubbing or scraping against an irritant surface are known as what?	Abrasions	Health	HIH 440-2
3's	What are the two basic classifications of forages?	Grasses and Legumes	Nutr	HIH 760-1
4's	A tool used to hold hot shoes while shaping the shoes	Fire Tongs	Foot	HIH 530-4
1's	What is on an English bridle that is not found on a Western bridle?	Cavesson or Noseband	Tack	HIH 1100-7,9
2's	How often should adult horses have their teeth checked?	Yearly	Health	HIH 405-2
3's	What registry is represented by the initials TWHBEA?	Tennessee Walking Horse Breeders and Exhibitors Association	Intro	HIH 172B-1
4's	To provide a safe interior in a horse trailer what should be on the side walls, partitions and front of the manger to prevent injuries?	Padding	Tack	HIH 1155-3
9	At what age do horses' hooves grow at the highest rate?	Foals	Foot	HIH 505-6
10	How long do incisors and cheek teeth continue to erupt?	Until the horse is in its early 20's.	Health	HIH 405-3
11	What part of the Horse is located between the tailhead and the loin?	The Croup	Select	HIH 220-7
12	What is the main site for nutrient absorption in the horse?	Small intestine	Nutr	ES 111; HIH 710-1
13	What organization is represented by the initials USDF?	United States Dressage Federation	Intro	HIH 181D-1
14	If adequate forage is available, how many hours per day on average will free-ranging horses spend grazing?	10 to 12 hours/day	Health	HIH 425-5
15	A horse's "mother" is called its what?	Dam	Intro	ES 23
16	What breed registry is represented by the initials AQHA?	American Quarter Horse Association	Intro	HIH 168B-1
17	What is defined as the inflammation of a joint?	Arthritis	Health	HIH 450-5
18	What time of year are adult bot flies most active?	From July until frost	Health	HIH 415-5
19	A horse's age may be determined by inspecting what?	Teeth	Health	HIH 405-1
20	Name the procedure where the fat cover on the horses body is felt and visually observed.	Body Condition Scoring	Nutr	HIH 710-4

Junior Division

Question Set 12

Q#	Question	Answer	Cat	Ref
1's	What is the simple definition of colic?	Abdominal pain	Health	HIH 435-1
2's	What is silver nitrate used to control in an open wound?	Bleeding	Health	HIH 440-2
3's	A conformational fault that refers to horses whose entire forelimb is too far forward and away from the body is known as what?	"Camped out"	Select	HIH 230-5
4's	This Pinto color pattern is characterized by white body markings that are often regular and distinct and usually cross over the back.	Tobiano	Intro	HIH 140-1, ES 49
1's	What type of bit is very gentle to use, non-allergenic, and has a soft, apple-flavored rubber mouthpiece?	Happy Mouth	Tack	HIH 1100-10
2's	What type of horses are mainly affected by threadworms?	young foals	Health	ES 190; HIH 430-3
3's	What is the name for the last nail hole on a horse shoe?	Heel Nail Hole	Foot	HIH 515-1
4's	What type of open wound has a small skin opening and may be more serious than it appears?	Puncture wound	Health	HIH 440-1
9	"Figure" was the foundation sire of what breed?	Morgan	Intro	HIH 162B-1
10	In what country did the Hackney originate?	Great Britain	Intro	HIH 158B-1
11	What organization helps promote the rehabilitation of individuals with disabilities through equine-facilitated activities?	North American Riding for the Handicapped Association (NARHA)	Intro	HIH 198D-1
12	A simple feeding practice in parasite management is to never do what?	Never feed horses directly on the ground.	Health	HIH 430-5
13	An injury to the sole of the foot caused by concussion is called a what?	Sole bruise	Foot	HIH 540-1
14	The horse's forelimbs bear what percentage of its body weight?	65 percent	Select	HIH 230-1
15	Name the foot condition that is characterized by a black, strong-smelling infection of the frog, caused by anaerobic bacteria and unclean conditions.	Thrush	Foot	HIH 540-1
16	What can be applied with horse shoes to treat sole bruises?	Pads	Foot	HIH 540a
17	What is the purpose of leather conditioner?	It puts vital oils removed by use and cleaning back into the leather.	Tack	HIH 1100-14
18	What is the common name for ascarids?	Roundworms	Health	ES 189; HIH 430-1
19	What kind of knot should be used when tying a horse in a trailer?	Quick Release Knot	Tack	HIH 1150-2
20	A horse with a body condition score of "9" would be categorized as what?	Extremely fat (obese)	Nutr	HIH 710-4, 720-3

Junior Division

Question Set 13

Q#	Question	Answer	Cat	Ref
1's	Which teeth makeup the cheek teeth?	Premolars and Molars	Health	HIH 405-1
2's	At what age is a horse considered to have a "full mouth"?	5 years old	Select	HIH 240-2
3's	How many gallons of water will a mature, idle 1,000-pound horse drink each day?	5-12 gallons	Nutr	ES 114; HIH 710-7
4's	Horses with what type of leg conformation are more likely to develop osselets?	Steep (or upright) pasterns	Health	HIH 455-6
1's	What organization is represented by the initials NCHA?	National Cutting Horse Association	Intro	HIH 180D-2
2's	A conformational fault that refers to horses whose entire forelimb is too far under its body is known as what?	"Camped Under"	Select	HIH 230-5
3's	What horse sport is characterized by spins and sliding stops?	Reining	Intro	HIH 183D-1
4's	What equine sport is named for the French word for "training"?	Dressage	Intro	HIH 181D-1
9	What color describes horses that are born one color but grow progressively lighter as they age, often appearing white when older.	Gray	Intro	HIH 140-1, ES 45, TH 81
10	Observation from which angle would give you the best view of the slope of the horses shoulder?	The Profile or Side View	Select	HIH 220-1
11	Name two types of horses on which wedge-heeled aluminum shoes are commonly used.	1. Hunters, 2. Jumpers, 3. Steep-pasterned pleasure horses	Foot	HIH 515-5
12	Where is the hoof wall the thinnest?	At the quarters	Foot	HIH 505-4
13	What modification is used on the shoes of trotting or driving horses to increase knee action?	Toe Weights	Foot	HIH 515-3
14	What is the name of the tube that transports food from mouth to the stomach?	esophagus	Nutr	ES 109
15	List two first-aid treatments for overheating or heat stroke.	spray with cool water; ice packs on head and large blood vessels on inside of legs; stand horse in shade or in a cool well-ventilated barn or in front of a fan; a few swallows of cool water every few minutes	Health	HIH 410-1
16	What well-defined skeletal structure holds the saddle on the horse without the need to excessively tighten the cinch?	Withers	Select	HIH 220-6
17	What farrier tool is used to make a level bearing surface after the hoof has been trimmed?	Rasp	Foot	HIH 530-2
18	What happens when hay is baled with high moisture content and without preservatives?	It may mold and or get hot/spontaneously combust	Nutr	HIH 760-4
19	What piece of equipment does a farrier use for leg protection?	Horseshoing Apron	Foot	HIH 530-1
20	What horse was the foundation sire of the Tennessee Walking Horse breed?	Allen F1	Intro	HIH 172B-1

Junior Division

Question Set 14

Q#	Question	Answer	Cat	Ref
1's	Deep indentures (Cups) in the horses permanent teeth are used to help determine what?	Age	Select	HIH 240-3
2's	What is the correct term for the inner edge of the horse shoe?	Inner Rim	Foot	HIH 515-1
3's	Name the breed know for its many spotted coat patterns, including leopard and blanket.	Appaloosa	Intro	HIH 140-1
4's	Why should barley be crimped or rolled before feeding to horses?	Because it has a tough hull	Nutr	760-6
1's	Name the body color used to describe a golden horse with a white mane and tail.	Palomino	Intro	HIH 140-1, HIH 164B-1, ES 43
2's	Approximately how much total food should a horse consume in one day on a "maintenance" diet?	2% of body weight (2 lbs per 100 lbs body weight)	Nutr	ES 106
3's	In what direction should hooves be picked out?	From heel to toe.	Foot	HIH 530-1
4's	Regardless of breed, the hindquarters should appear to be what shape when viewed from the side?	Square	Select	HIH 220-7
9	In what part of the horse does the disorder "thrush" occur?	Hoof	Foot	HIH 540-1
10	In a 24 hour period an adult horse will ordinarily produce how many pounds of fecal material?	28-50 pounds, or 40-50 pounds	Health	ES 114; HIH 425-2 or 360-2
11	What face marking is characterized by a narrow band of white hair between the horse's eyes that stops above the muzzle?	Stripe	Intro	HIH 140-2, TH 82
12	Name the mechanical technique to align and support the horse's stance or to change the timing of its gait.	Corrective Shoeing	Foot	HIH 515-1
13	What type of shoes are used on the back feet of reining horses to help the horse execute the sliding stop?	Sliding plates	Foot	HIH 515-3
14	What face marking is characterized by a completely or almost completely white face and muzzle?	Bald face	Intro	HIH 140-2, TH 82
15	Which of the following is not a muscle found in the horse... The Pectoral, The Deltoid, or the Pastern?	The pastern	Select	HIH 220-3
16	What white leg marking extends from the coronary band to the knee of the horse?	Stocking	Intro	HIH 140-2, TH 83
17	How many permanent teeth do geldings most commonly have?	40 (or 42 if including wolf teeth)	Select	HIH 240-3
18	What are two defects to be aware of when examining a horse's mouth?	Parrot mouth (overshot muzzle) or monkey mouth (undershot muzzle)	Select	HIH 220-4
19	Name the most common type of shoe used to treat navicular disease?	Some type of bar shoe	Foot	HIH 540-3
20	What two conformation characteristics are indicitave of capacity for reproduction and athletic performance?	Spring of rib and depth of heartgirth	Select	HIH 220-7

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Question Set 15

Q#	Question	Answer	Cat	Ref
1's	This Pinto color pattern name actually includes three different patterns that are characterized by white markings that usually do not cross over the back.	Overo	Intro	HIH 140-1, ES 49
2's	What is the conformation term for a horse that stands closer at the ground than at the origin of the legs in the chest?	Base narrow	Select	HIH 230-2
3's	What breed of horse was bred to perform under harsh desert conditions?	Arabian	Intro	HIH 153B-1
4's	The general area of the horses body located between the topline and the underline is called what?	The Barrel of the Horse	Select	HIH 220-3
1's	Name the body color that may vary among many shades of red with a mane and tail that may be slightly lighter, slightly darker, or even flaxen.	Chestnut (Also acceptable: sorrel)	Intro	HIH 140-1, ES 39, TH 80
2's	What type of shoe can be applied to the foot without nails?	Glue-on shoes.	Foot	HIH 515-5
3's	Traumatic arthritis of what joint results in osselets?	Fetlock Joint	Health	HIH 455-5
4's	What is the most accurate method to assess the nutrient content of hay?	Chemical analysis	Nutr	HIH 750-5
9	Pinto color patterns are often described by one of what two general terms?	Tobiano and Overo	Intro	HIH 140-1
10	Name the breed registry represented by the initials AHA.	Arabian Horse Association	Intro	HIH 153B-2
11	Name one good alternative to buying a horse that you might try before deciding to buy.	Leasing (also acceptable: Riding lessons)	Intro	HIH 110-1
12	Man originally used horses for what purpose?	Food source	Intro	ES 12, TH 5
13	The eye position of a modern day horse allows about how many degrees of vision?	About 300 degrees	Select	HIH 220-4
14	Name one parasite that is transmitted to healthy horses through contact with infected horses, blankets, or grooming equipment.	Mites (mange mites) or lice	Health	ES 186, 187; HIH 415-9
15	What is the conformation term for a horse that has excessive angulation in the hock?	Sickle hocked	Select	HIH 230-7
16	Hyperthermia is a term used to indicate what condition of a horse?	Overheating	Health	HIH 410-1
17	The rasping or removal of sharp enamel points on the teeth is known as what?	Floating	Health	HIH 405-2
18	What are two negative consequences of using hoof pads?	Weakened soles and pad dependency.	Foot	HIH 515-5
19	What is the common name for suture repair of a wound?	Stitches	Health	HIH 440-3
20	Large, heavy-bodied horses with small feet are usually predisposed to what condition?	Navicular Disease	Health	HIH 455-2

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Question Set 16

Q#	Question	Answer	Cat	Ref
1's	What teeth in the horse are used to bite off plants as they graze?	Incisors	Select	HIH 240-1
2's	Which teeth are sometimes removed to prevent them from interfering with the bit?	Wolf teeth	Health	HIH 405-2
3's	Animals have different types of digestive systems based on what?	Where and how they digest feed components	Nutr	HIH 710-1
4's	What are the "building blocks" of protein?	Amino acids	Nutr	ES 117; HIH 760-7
1's	What type of open wounds have clean straight edges and often bleed quite freely?	Incisions (incised wounds)	Health	HIH 440-1
2's	Approximately how long is the small intestine of an average horse?	70 feet	Nutr	ES 111; HIH 710-2
3's	What is the name for the headpiece that is used for controlling the horse for riding or driving?	Bridle	Intro	HIH 110-5
4's	What breed initially became famous and was named for its sprinting ability?	American Quarter Horse	Intro	HIH 168B-1
9	What is the maximum number of temporary teeth in a young horse?	24	Select	HIH 240-2
10	Evaluating the width of the chest can best be accomplished from what view?	The front of the horse	Select	HIH 220-1
11	Feeds should be provided by weight, not by what?	Volume	Nutr	HIH 710-5
12	What is the main use for a close contact saddle?	Jumping	Tack	HIH 1100-1
13	What area of the horse would you observe to determine if it is cow-hocked?	The Rear Legs	Select	HIH 230-7
14	The canter is a ____ beat gait.	3	Intro	ES 74
15	What is the most common method of estimating a horse's body weight?	Using a heart girth tape (weight tape)	Nutr	HIH 710-3
16	How many permanent teeth do mares most commonly have?	36	Select	HIH 240-3
17	What two primary factors should be considered when selecting a horse trailer?	Safety, Comfort	Tack	HIH 1155-2
18	If you are viewing a horse from the profile, you are looking at it from what view?	The side or side view	Select	HIH 220-1
19	On what three bone structures may ringbone occur?	long pastern bone; short pastern bone; coffin bone	Health	HIH 455-6
20	What breed of pony originated in the hills and valleys of Wales?	Welsh Pony	Intro	HIH 175B-1

Junior Division

Question Set 17

Q#	Question	Answer	Cat	Ref
1's	What tool is used to help locate an area of damage or injury in the foot?	Hoof testers	Health	HIH 455-3
2's	What is the name of the groove that appears in the upper corner incisors around 10 years of age?	Galvayne's Groove	Health	HIH 450-1
3's	What dental problem could cause damage to the roof of the mouth?	Tall hooks(on the molar teeth)	Health	HIH 405-3
4's	Name the body color that describes a uniform mixture of black and white hairs on the body with a darker head and legs.	Blue Roan	Intro	HIH 140-1, ES 47
1's	What is known as nature's "hoof conditioner"?	Water	Foot	HIH 505-7
2's	The walk is a ____ beat gait.	4	Intro	ES 70
3's	What is the normal pulse rate for an adult horse?	30 - 40 beats per minute (or 32-44, 35-35, or 45-60)	Health	ES 155; HIH 410-1, 425-1; TH 594
4's	What is recommended as the best type of covering for the floor of a horse trailer?	Rubber mats	Tack	HIH 1155-2
9	What face marking is characterized by a small patch of white hair located on the forehead?	Star	Intro	HIH 140-2, TH 82
10	What is the correct term for the front of the horse shoe?	Toe	Foot	HIH 515-1
11	What organization is represented by the initials NHSRA?	National High School Rodeo Association	Intro	HIH 186D-1
12	What condition is commonly seen in the cannon bone area of young horses soon after they enter training?	Splints	Health	HIH 455-6
13	Compared to adult horses, what is different about the pulse and respiration rate of foals?	Pulse and respiration are higher in foals than adult horses	Health	HIH 425-1
14	What is the normal body temperature for an adult horse?	99 - 101 degrees Farenheit	Health	ES 155; TH 594
15	What is balance determined by?	The skeletal structure	Select	HIH 220-5
16	How many reins are used with a Pelham bit?	Four	Tack	HIH 1100-6
17	What part of the horse shoe contains the nail holes?	Crease (Fullering)	Foot	HIH 515-1
18	What is freestyle reining?	Reining manuevers set to music	Intro	HIH 183D-1
19	What is the most essential nutrient required by the horse?	Water	Health	HIH 420-2
20	In a normal horse, within how many seconds should the capillary fill time take to return to its normal color?	1-3 or 2-3 seconds	Health	ES 163; HIH 425-2

Junior Division

Question Set 18

Q#	Question	Answer	Cat	Ref
1's	When properly fitting a Western saddle to a horse, what is the correct spacing between the horse's withers and the fork of the saddle?	Two fingers	Tack	HIH 1100-3
2's	Mottled skin, vertically striped hooves, and visible white sclera are characteristics of what breed?	Appaloosa	Intro	HIH 152B-2
3's	The part of the bridle that is placed in the horse's mouth is better know by what name?	The bit	Intro	HIH 110-5
4's	What is the average hoof growth rate per month?	About 3/8 inch or 1 centimeter per month	Foot	HIH 505-6
1's	What is the term used to describe death of the body tissue?	Necrosis	Health	HIH 440-1
2's	What is the name of the behavior occurring when horses hook their upper incisor teeth on a solid object and swallow gulps of air?	Cribbing, also known as Wind sucking or Aerophagia	Nutr	HIH 710-5, or 425-6
3's	What horse sport is known as "gymnastics on horseback"?	Vaulting	Intro	HIH 185D-1
4's	What farrier tool is available in right-handed and left-handed styles?	Hoof knife	Foot	HIH 530-2
9	What is the purpose of a pannier?	To carry gear, food, or equipment on a pack horse	Tack	HIH 1125-3
10	What is the term for the procedure used to give a horse protection from a specific disease (usually by injection)?	Vaccination	Intro	HIH 110-5
11	What Native American tribe helped promote the spread of Spanish horses throughout the American West?	Apache	Intro	HIH 170B-1
12	What do you call a blockage of the intestinal tract?	Impaction	Health	HIH 435-1
13	What sex of horses are generally more consistent with behavior and performance?	Geldings	Select	HIH 210-4
14	Name the two styles of english martingales most commonly used.	Running and Standing	Tack	HIH 1100-10
15	What bone is affected by laminitis?	P3, pedal or coffin	Foot	HIH 505-5
16	What organization is represented by the initials NARHA?	North American Riding for the Handicapped Association	Intro	HIH 198D-1
17	What is another name for a vertical crack in a hoof wall	Sand Crack, Quarter Crack, Toe Crack	Foot	HIH 540-2
18	The area from the withers to the tailhead is known as the what?	The topline	Select	HIH 220-5
19	What is the major function of the skin in horses?	Protection	Health	HIH 425-2
20	Why should a horse's diet be changed gradually over time?	avoid digestive upset/colic	Nutr	HIH 710-6

Junior Division

Question Set 19

Q#	Question	Answer	Cat	Ref
1's	What type of rein is formed by one continuous rein attached to each side of the bit?	A contest/roping rein	Tack	HIH 1100-8
2's	What horse sport is characterized by spins and sliding stops?	Reining	Intro	HIH 183D-1
3's	Name the condition indicated by the following stance...Front feet extended forward and hind feet drawn under the body for support.	Acute Laminitis	Foot	HIH 540-4
4's	Hyperthermia is a term used to indicate what condition of a horse?	Overheating	Health	HIH 410-1
1's	What sex of horses are generally more consistent with behavior and performance?	Geldings	Select	HIH 210-4
2's	What is the name of the small rudimentary teeth that appear just in front of the upper cheek teeth, rarely present in the lower jaw?	Wolf teeth	Health	HIH 405-1
3's	Large, heavy-bodied horses with small feet are usually predisposed to what condition?	Navicular Disease	Health	HIH 455-2
4's	How long do incisors and cheek teeth continue to erupt?	Until the horse is in its early 20's.	Health	HIH 405-3
9	What white leg marking extends from the coronary band to the knee of the horse?	Stocking	Intro	HIH 140-2, TH 83
10	What do you call a blockage of the intestinal tract?	Impaction	Health	HIH 435-1
11	What type of cinch would you find on a decker pack saddle?	Center-fire rigged single cinch	Tack	HIH 1125-1
12	What is the most commonly used metal for manufacturing bits?	Stainless steel	Tack	HIH 1100-10
13	What can be applied with horse shoes to treat sole bruises?	Pads	Foot	HIH 540a
14	What part of the horse is affected by navicular disease?	Hoof	Foot	HIH 540-3
15	What farrier tool is available in right-handed and left-handed styles?	Hoof knife	Foot	HIH 530-2
16	In a 24 hour period an adult horse will ordinarily produce how many pounds of fecal material?	28-50 pounds, or 40-50 pounds	Health	ES 114; HIH 425-2 or 360-2
17	What external parasite lays yellowish white eggs on the legs of the horse?	Bot Fly (Bot)	Health	ES 188; HIH 415-5
18	What is the maximum number of temporary teeth in a young horse?	24	Select	HIH 240-2
19	What organization is represented by the initials USDF?	United States Dressage Federation	Intro	HIH 181D-1
20	What type of bit is very gentle to use, non-allergenic, and has a soft, apple-flavored rubber mouthpiece?	Happy Mouth	Tack	HIH 1100-10

Junior Division

Question Set 20

Q#	Question	Answer	Cat	Ref
1's	A tool used to hold hot shoes while shaping the shoes	Fire Tongs	Foot	HIH 530-4
2's	What is the name for the headpiece that is used for controlling the horse for riding or driving?	Bridle	Intro	HIH 110-5
3's	What is the name for the leather, rope, or nylon headpiece that is used to control, lead, and tie a horse?	Halter	Intro	HIH 110-5
4's	What are the two main types of adult Strongyles?	large and small	Health	ES 188; HIH 430-1
1's	What is the purpose of a pannier?	To carry gear, food, or equipment on a pack horse	Tack	HIH 1125-3
2's	Why are clips used on horseshoes?	Clips take the stress off the nails and stabilize the shoe on the foot	Foot	HIH 515-2
3's	A deviation in structure or function that interferes with the horses intended use or performance is called what?	Unsoundness	Select	HIH 230-1
4's	What breed registry is represented by the initials IBHA?	International Buckskin Horse Association	Intro	HIH 154B-1
9	What is the common name for suture repair of a wound?	Stitches	Health	HIH 440-3
10	Name one parasite that is transmitted to healthy horses through contact with infected horses, blankets, or grooming equipment.	Mites (mange mites) or lice	Health	ES 186, 187; HIH 415-9
11	What breed of pony originated in the hills and valleys of Wales?	Welsh Pony	Intro	HIH 175B-1
12	What is the common name for strongyles?	Bloodworms	Health	ES 188; HIH 430-1
13	Name the most severe foot ailment	Laminitis	Foot	HIH 540-1
14	What is the name for a young horse under 6-12 months of age of either sex?	Foal	Intro	HIH 110-5, ES 23
15	What part of the Horse is located between the tailhead and the loin?	The Croup	Select	HIH 220-7
16	What tool is used to help locate an area of damage or injury in the foot?	Hoof testers	Health	HIH 455-3
17	What color describes horses that are born one color but grow progressively lighter as they age, often appearing white when older.	Gray	Intro	HIH 140-1, ES 45, TH 81
18	How many inches are in a hand?	4 inches	Intro	ES 27, TH 16
19	What is the conformation term for a horse that stands closer at the ground than at the origin of the legs in the chest?	Base narrow	Select	HIH 230-2
20	Name the body color that may vary among many shades of red with a mane and tail that may be slightly lighter, slightly darker, or even flaxen.	Chestnut (Also acceptable: sorrel)	Intro	HIH 140-1, ES 39, TH 80

Junior Division

Tie Breaker and Replacement Questions Set 1

Q#	Question	Answer	Cat	Ref
	What is the largest non-formal youth development organization in the United States?	4-H	Intro	HIH 190D-1
	Pinto color patterns are often described by one of what two general terms?	Tobiano and Overo	Intro	HIH 140-1
	What is silver nitrate used to control in an open wound?	Bleeding	Health	HIH 440-2
	What is the name for the leather, rope, or nylon headpiece that is used to control, lead, and tie a horse?	Halter	Intro	HIH 110-5
	What is the conformation term for a horse that stands closer at the ground than at the origin of the legs in the chest?	Base narrow	Select	HIH 230-2
	What is the Western version of a Standing Martingale?	Tie-down	Tack	HIH 1100-10
	What is the main site for nutrient absorption in the horse?	Small intestine	Nutr	ES 111; HIH 710-1
	Name the fat-soluble vitamins.	A, D, E, K	Nutr	ES 111; HIH 710-2, 760-10
	What is the term for the sole bruises caused by leaving short heeled shoes on too long?	Corns	Foot	HIH 540a
	What term is used to describe a horse that is "off" or "unsound" in its way of going?	Lame	Health	HIH 455-1
	What kind of knot should be used when tying a horse in a trailer?	Quick Release Knot	Tack	HIH 1150-2
	What is the practical purpose of a breastcollar?	To keep the saddle from sliding backwards or sideways.	Tack	HIH 1100-12
	What is the common name for ascarids?	Roundworms	Health	ES 189; HIH 430-1
	A newborn foal will develop front incisor teeth within the first how many days of life?	8	Select	HIH 240-1
	Mottled skin, vertically striped hooves, and visible white sclera are characteristics of what breed?	Appaloosa	Intro	HIH 152B-2
	What type of horses are mainly affected by threadworms?	young foals	Health	ES 190; HIH 430-3
	If you are viewing a horse from the profile, you are looking at it from what view?	The side or side view	Select	HIH 220-1
	What is the main use for a close contact saddle?	Jumping	Tack	HIH 1100-1
	Name the Native American tribe that played an important role in the development of the Appaloosa horse.	Nez Perce	Intro	HIH 152B-1
	What piece of farrier's equipment is hammered on, in order to shape the shoe?	Anvil	Foot	HIH 530-4

Junior Division

Tie Breaker and Replacement Questions Set 2

Q#	Question	Answer	Cat	Ref
	What face marking is characterized by a narrow band of white hair between the horse's eyes that stops above the muzzle?	Stripe	Intro	HIH 140-2, TH 82
	What is the single most important characteristic in conformation selection?	Balance	Select	HIH 220-5
	Why are grains mixed with molasses?	Improve taste; palatability; prevent freezing; reduce dust	Nutr	HIH 791-3
	When properly fitting a Western saddle to a horse, what is the correct spacing between the horse's withers and the fork of the saddle?	Two fingers	Tack	HIH 1100-3
	Approximately how much total food should a horse consume in one day on a "maintenance" diet?	2% of body weight (2 lbs per 100 lbs body weight)	Nutr	ES 106
	Compared to adult horses, what is different about the pulse and respiration rate of foals?	Pulse and respiration are higher in foals than adult horses	Health	HIH 425-1
	What breed registry is represented by the initials PBA?	Palomino Horse Breeders of America	Intro	HIH 164B-1
	What registry is represented by the initials TWHBEA?	Tennessee Walking Horse Breeders and Exhibitors Association	Intro	HIH 172B-1
	How many permanent teeth do geldings most commonly have?	40 (or 42 if including wolf teeth)	Select	HIH 240-3
	What modification is used on the shoes of trotting or driving horses to increase knee action?	Toe Weights	Foot	HIH 515-3
	What is the purpose of leather conditioner?	It puts vital oils removed by use and cleaning back into the leather.	Tack	HIH 1100-14
	A deviation in structure or function that interferes with the horses intended use or performance is called what?	Unsoundness	Select	HIH 230-1
	The part of the bridle that is placed in the horse's mouth is better know by what name?	The bit	Intro	HIH 110-5
	What well-defined skeletal structure holds the saddle on the horse without the need to excessively tighten the cinch?	Withers	Select	HIH 220-6
	What two areas of the foot are separated by the white line?	The sole and the wall	Foot	HIH 525-1
	Galvayne's Groove appears at about what age?	10-12 years of age	Select	HIH 240-4
	A horse's "mother" is called its what?	Dam	Intro	ES 23
	What is the type of bridle that features an additional headstall and allows for two bits in the horse's mouth?	A "full bridle"	Tack	HIH 1100-6
	What two pieces of tack are connected by the English Standing Martingale?	Noseband to the Girth	Tack	HIH 1100-10
	When do the corner permanent incisors erupt?	4 1/2 years	Select	HIH 240-2

Junior Division

Tie Breaker and Replacement Questions Set 3

Q#	Question	Answer	Cat	Ref
	What is on an English bridle that is not found on a Western bridle?	Cavesson or Noseband	Tack	HIH 1100-7,9
	A horse's "father" is called its what?	Sire	Intro	ES 23
	How many gallons of water will a mature, idle 1,000-pound horse drink each day?	5-12 gallons	Nutr	ES 114; HIH 710-7
	What type of pressure does a snaffle bit apply?	Direct pressure	Tack	HIH 1100-8
	What is the primary goal of a pleasure saddle?	Comfort	Tack	HIH 1100-4
	What part of the horse is affected by navicular disease?	Hoof	Foot	HIH 540-3
	Horses with what type of leg conformation are more likely to develop osselets?	Steep (or upright) pasterns	Health	HIH 455-6
	In what direction should hooves be picked out?	From heel to toe.	Foot	HIH 530-1
	What American breed registry registers Appaloosa horses?	Appaloosa Horse Club	Intro	HIH 152B-1
	How many inches are in a hand?	4 inches	Intro	ES 27, TH 16
	What is the name of the procedure of filing the sharp edges or points on a horse's teeth?	Floating	Intro	HIH 110-5
	Traumatic arthritis of what joint results in osselets?	Fetlock Joint	Health	HIH 455-5
	What parasite of the horse causes severe irritation around the tail area?	Pinworms	Health	ES 189; HIH 430-3
	Under normal conditions how does the horse cool itself?	By sweating	Health	HIH 410-1
	What is the term for a horse with too much slope to the pastern?	Coon-footed	Select	HIH 220-6
	Name one device that can be added to shoes to provide additional traction in muddy or snow conditions	Toe calks, heel calks, studs, borium	Foot	HIH 515-4
	What does a stronger than usual pulse in the foot indicate?	Inflammation or laminitis	Foot	HIH 505-5
	What equine sport, known as the "game of kings", utilizes a mallet and ball?	Polo	Intro	HIH 182D-1
	Why should a horse be tied or cross-tied when evaluating it for purchase?	A horse that will not stand tied has limited use and is a risk for injury.	Select	HIH 210-5
	Name the body color that describes a uniform mixture of black and white hairs on the body with a darker head and legs.	Blue Roan	Intro	HIH 140-1, ES 47

Junior Division

Tie Breaker and Replacement Questions Set 4

Q#	Question	Answer	Cat	Ref
	What is defined as a mechanical technique to assist in the medical treatment of foot or limb disease?	Therapeutic shoeing.	Foot	HIH 515-2
	What part of the horse shoe contains the nail holes?	Crease (Fullering)	Foot	HIH 515-1
	What piece of equipment does a farrier use for leg protection?	Horseshoing Apron	Foot	HIH 530-1
	What can be applied with horse shoes to treat sole bruises?	Pads	Foot	HIH 540a
	What metal bit material increases salivation to make the mouth more responsive?	Copper	Tack	HIH 1100-10
	What breed registry is represented by the initials APHA?	American Paint Horse Association	Intro	HIH 163B-1
	Name the foot condition that is characterized by a black, strong-smelling infection of the frog, caused by anaerobic bacteria and unclean conditions.	Thrush	Foot	HIH 540-1
	Larvicides are insecticides designed to kill what?	Fly larvae.	Health	HIH 415-4
	Name the procedure where the fat cover on the horse's body is felt and visually observed.	Body Condition Scoring	Nutr	HIH 710-4
	What are two types of horse trailer hitches?	Gooseneck, Bumper-pull	Tack	HIH 1155-1
	What is freestyle reining?	Reining maneuvers set to music	Intro	HIH 183D-1
	What two minerals are present in white salt?	Sodium and chloride	Nutr	HIH 760-10
	What encourages development of maximum bone and hoof size?	Optimum nutrition	Foot	HIH 505-1
	What are the three basic parts of a bridle?	1. Headstall, 2. Bit, 3. Reins	Tack	HIH 1100-6
	What is the primary means by which horse parasites are spread?	manure (eggs)	Health	HIH 430-4
	The Stomach, the small intestine and the cecum are part of what body system in the horse?	The Digestive System	Nutr	ES 108; HIH 710-2
	What breed initially became famous and was named for its sprinting ability?	American Quarter Horse	Intro	HIH 168B-1
	What is the correct term for the front of the horse shoe?	Toe	Foot	HIH 515-1
	What insect commonly contaminates alfalfa hay?	Blister beetle	Nutr	HIH 760-2
	Name two types of Western type headstalls.	1. Split ear, 2. Slip ear (one ear), 3. Conventional	Tack	HIH 1100-8

Junior Division

Tie Breaker and Replacement Questions Set 5

Q#	Question	Answer	Cat	Ref
	A horse with a body condition score of "9" would be categorized as what?	Extremely fat (obese)	Nutr	HIH 710-4, 720-3
	The Withers, back, loin or coupling, and croup refer to what area of the horse?	Topline	Select	HIH 220-6
	This Pinto color pattern name actually includes three different patterns that are characterized by white markings that usually do not cross over the back.	Overo	Intro	HIH 140-1, ES 49
	If someone wants to begin a breeding program, what two sexes should be purchased?	Mares and stallions	Select	HIH 210-4
	What is the most essential nutrient required by the horse?	Water	Health	HIH 420-2
	When viewed from the rear, horses that are in at the hock and out at the toe have what conformational fault?	Cow hocked	Select	HIH 230-7
	What is known as nature's "hoof conditioner"?	Water	Foot	HIH 505-7
	What structure in the hoof supports the primary weight of the horse?	Hoof wall	Foot	HIH 505-4
	In which general type of breeds is it desired to see bulge, ripple, and definition of muscling?	Stock horse breeds	Select	HIH 220-7
	A horse's age may be determined by inspecting what?	Teeth	Health	HIH 405-1
	What is the most common legume hay fed to horses?	Alfalfa	Nutr	HIH 760-2
	Deep indentures (Cups) in the horses permanent teeth are used to help determine what?	Age	Select	HIH 240-3
	Age determination is most accurate before a horse reaches approximately what age?	10 to 14 years	Select	HIH 240-1
	The horse's forelimbs bear what percentage of its body weight?	65 percent	Select	HIH 230-1
	Which teeth makeup the cheek teeth?	Premolars and Molars	Health	HIH 405-1
	Canine teeth are also known as what?	Tushes or tusks	Select	HIH 240-3
	When evaluating a horse for purchase, which of the three -- Buyer, Seller or Trainer should not ride the horse first?	The Buyer (due to safety considerations)	Select	HIH 210-5
	How many reins are used with a Pelham bit?	Four	Tack	HIH 1100-6
	What are two causes of malaligned teeth?	Congenital (born with defect) or Injury	Health	HIH 405-4
	What are the 12 front teeth in the horses mouth called?	Incisors	Select	HIH 240-2

Junior Bonus Questions

- Q. Name three items that should be included on a feed label.
A. Weight; Brand; Company name; Product name; Directions for use; Guaranteed analysis; Feed ingredients; Precautionary statements; Name and address of manufacturer
- Q. Name three items that are included in absolutely the most basic barn equipment needed.
A. Scoop shovel; Manure fork; Muck bucket; Feed; Water buckets
- Q. Name three purposes of a saddle blanket or pad.
A. Protect the horses back; absorb sweat and moisture; Protect the saddle; help the saddle fit more correctly
- Q. Name three types of English saddles.
A. all-purpose; close-contact; dressage; cut-back (saddleseat)
- Q. Name three reasons horse shoes might be necessary.
A. Protection; Traction; Correct stance or gait; Medicinal
- Q. Name three behavior disorders or stereotypes.
A. Cribbing; Wind sucking (aerophagia); Weaving; Stall or Fence Walking; Wood, tail, and mane
- Q. Name four of the five major parts of the horse's digestive system.
A. mouth; esophagus; stomach; small intestine; large intestine
- Q. Name three types of Western saddles.
A. Reining; Barrel/game (gymkana); Roping; Cutting; Pleasure/trail; Endurance; Western Pleasure/Equitation (Show)
- Q. Name three ways to encourage horses that "bolt" their feed to eat more slowly.
A. Feed in large, shallow troughs; Place bricks or large rocks in feeders; feed extruded feeds; mix chopped hay with concentrate
- Q. What are the four categories of commercial feed classes?
A. Textured concentrates (sweet feeds); Processed concentrates (pelleted or extruded); Complete feeds; Supplements
- Q. Name the three main gaits of the Tennessee Walking Horse.
A. Flat Walk, Running Walk, and Canter
- Q. Name five tools used in foot care.
A. Hoof pick; Hoof knife; Clinch cutter; Pinchers (or pull offs); Hoof nippers; Sole knife; Rasp; Hoof gauge; Driving hammer; Clinch block; Nail cutters; Clinchers; Crease nail puller; Hoof tester
- Q. Name three of the factors that determine the time period between trimming and re-shoeing the horse
A. Growth and changes in the hoof; performance; wear of the shoe or hoof; use of horse; owner's preference
- Q. Name the four of the five gaits that are common to most breeds of horses.
A. walk; trot (jog); canter (lope); gallop; back
- Q. Name four practices that help to prevent colic.
A. Frequent small feedings; avoid sudden changes in feeds; ample drinking water; proper dental care; appropriate deworming; prevent ingestion of foreign objects
- Q. Where are three good places to start a search for a horse?
A. Local breeders; Trainers; Traders/agents; Auction sales; Shows; Classified Ads
- Q. Name the vital signs commonly referred to as TPR
A. Temperature; Pulse; Respiration
- Q. Name three locations on the horse that are considered when assigning body condition scores.
A. Tailhead; crease down back; along the withers; along the neck; over the ribs; behind the shoulders
- Q. What are the six main nutrients of feedstuffs?
A. Water; Carbohydrates; Fats (lipids); Protein; Vitamins; Minerals
- Q. Name three visible signs of old age.
A. Drooping lower lip; lower or swayed back; deepening of the hollows above the eyes; appearance of gray hairs