

<b>Mch</b>	<b>Rnd</b>	<b>Q #</b>	<b>Question &amp; Answer</b>	<b>Subject</b>
1	1	1 (#1)	T/F: Aerobic respiration uses oxygen.  TRUE	9  IDET, 4
1	1	2 (#5)	T/F: Mosquitoes are the vector for Lyme disease.  FALSE (TICKS)	9  Lewis 164
1	1	3 (#2)	T/F: The front hoof is narrower and more pointed than the hind hoof.  FALSE (hind hoof is narrower)	3  CAHA , Plate 24
1	1	4 (#6)	T/F: Poorly fitted shoes are a common cause of corns in the horse.  TRUE	3  HHH 540 – 2, IDET, p. 68
1	1	5 (#3)	Should feed be fed by weight or volume?  BY WEIGHT	1  HHH, 710-5
1	1	6 (#7)	The term “easy keeper” refers to a horse with a docile personality to both people and other horses.  FALSE (requires less feed than others under the same conditions)	1  FCH, p. 388
1	1	7 (#4)	T/F: “Acquisition” is the term used to describe early training when a behavior is being taught for the first time.  TRUE	10  HHH 1240-5
1	1	8 (#8)	A rider using the right hand with the left leg is an example of using “diagonal aids”.  TRUE	10  IDET, p. 80

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1	2	1/5	In the United States, based on registry, which breed of draft horse is the most numerous – Belgian, Shire, or Clydesdale?  BELGIAN	6  AYHCLM, p. B 110-1L
1	2	2/6	Pregnant, open, barren, maiden, and wet are classifications of what?  MARES	2  HIH 940-1
1	2	3/7	What is the name of the protective boots that fit over the coronet band and bulbs of the heel?  BELL BOOTS	7  IDET, p. 26
1	2	4/8	By which age does a horse generally have all teeth erupted and thus considered “full mouth” – 4, 5, or 6 years?  5 YEARS	4  YLM 205 – 1
1	2	1/5	What structure acts as a safety device in that it will help to prevent a horse from backing or falling out of the trailer when the rear door is open?  BUTT BAR OR BUTT CHAIN	10  AYHCLM I201 – 1L
1	2	2/6	In reference to horse racing, which is the term for the side of the track furthest from the winning post – homestretch, backstretch, or far turn?  BACKSTRETCH	8  IDET, p. 21
1	2	3/7	What are considered to be the building blocks of protein?  AMINO ACIDS	1  AYHCLM B1021 – L
1	2	4/8	What is the name for the section of the mane at the poll that is trimmed or clipped to allow space for a halter or bridle to rest?  BRIDLE PATH	3  IDET, p. 39

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1	3	1	The perlino color is a double dilution of what color?  BAY  Evans 482	6
1	3	2	Give the term for the traveling defect when the toe of the hind foot hits the sole or the shoe of the forefoot on the same side.  FORGING  Evans, p. 179	3
1	3	3	In reference to Rodeo – name an event that has a rope barrier  TIE DOWN/CALF ROPING; TEAM ROPING/HEADING & HEELING; STEER WRESTLING/BULL-DOGGING  IDET, p. 24	8
1	3	4 B	What severely contagious bacterial disorder results in swollen lymph nodes under the jaw, which often need to be lanced and drained?  STRANGLES  HIH 615	9
1	3	5	Which species of pasture grass contains a fungal endophyte that can cause problems in horses, especially pregnant mares?  TALL FESCUE  HIH, p. 760-3	1
1	3	6	Joints are lubricated by what substance?  SYNOVIAL FLUID  The Horse 90	4
1	3	7	Name an example of an oral vice in horses.  Wood chewing Cribbing or wind sucking Tail or mane chewing Eating feces or bedding Tongue lolling  Lewis, p. 373-374	10
1	3	8 B	Name the five walk gaits used in dressage tests.  WORKING, COLLECTED, MEDIUM, EXTENDED AND FREE  Evans, p. 174	8
1	3	9	What is the term for a bacterial infection of the udder?  MASTITIS  FCH, p. 234	2
1	3	10	Vitamin D regulates the absorption of what important mineral?  CALCIUM  The Horse - P: 221	1

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1	3	11	Explain the difference in the parentage of a mule and a hinny.  MULE – jack (male donkey) X mare (female horse) HINNY – jennet (female donkey) X stallion (male horse) Evans, p. 76	6
1	3	12	Starting at the poll name the parts of the horse that comprise the topline?  B (POLL), CREST (NOT NECK), WITHERS, BACK, LOIN OR COUPLING AND CROUP. YLM 223 - 2	3
1	3	13	What is the term for the opening in the iris of a horse’s eye?  PUPIL IDET, p. 102	4
1	3	14	What is the term used to describe the canter of the Tennessee Walking Horse?  ROCKING CHAIR CANTER AYHCLM, p. B 110-1L	6
1	3	15	What is the purpose of an anthelmintic drug?  TO DEWORM HORSES Evans 646	9
1	3	16	What is the term for a bit with a break or hinge in the center of the mouthpiece?  B BROKEN BIT OR JOINTED BIT IDET, p. 40	7
1	3	17	What is the general term for the accumulation of excess fluid in the tissues under the skin causing a diffuse swelling of the area?  EDEMA OR STOCKING UP FCH, p. 405	9
1	3	18	What is the name for a bit used in conjunction with a halter, that has three small rings – two for the cheek pieces and one for a lead rein? It is used to help control horses that rear.  CHIFNEY OR ANTIREARING BIT IDET, p. 13	7
1	3	19	What is the term for the exterior opening to the reproductive tract of the mare?  VULVA HIH p. 910-1	2
1	3	20	In reference to show jumping, what is an “element”?  ONE JUMP IN A COMBINATION IDET, p. 90	8

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1	B	1	<p>During cleaning of the foot, name four things that the foot should be inspected for.</p> <p>Abnormal Growth  Loose Shoes (if shod)  Bruises  Loose/Missing Nails  Diseases (thrush/whiteline)  Puncture Wounds  General Condition (cracks, splits, dry, etc.)  Uneven Wear  Lodged debris (dirt, rocks, etc.)</p> <p style="text-align: right;">Evans, p. 720</p>	3
1	B	2	<p>Name three functions that housing for horses should accomplish?</p> <p>Provide for the welfare of the horse  Provide for the safety, health and comfort of human handlers  Make efficient use of labor  Be cost effective  Protect horse from elements  Shelter  Confinement</p> <p style="text-align: right;">HIH 320-1</p>	10
1	B	3	<p>What are three possible causes of laminitis?</p> <p>Colic  Endotoxemia due to grain overload  Changes in feeding  Excessive foot concussion  Sudden weather changes  Infections or poisons  Drug abuse  Allergies  Excessive grass intake</p> <p style="text-align: right;">HIH P: 540-4</p>	9

1	B	4	<p>What are four signs that a horse may be suffering from a dental problem?</p> <p>Losing feed when eating Slobbering Bad odor from the mouth Head tilt Difficulty chewing Bucking Headtossing Tongue Rolling Biting the mouth Tail – wringing Refusing the bit</p> <p>HIH 405 - 1</p>	4
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2	1	1 (#1)	T/F: The part of the harness that helps the horse hold back the vehicle when there is no brake is called the back stop.  FALSE (BREECHING) IDET, p. 38	7
2	1	2 (#5)	T/F: The “All American Futurity” is a race for Thoroughbreds?  FALSE (QUARTER HORSE) IDET, p. 6	8
2	1	3 (#2)	T/F: Tactile hairs are located around the nostrils, lips and eyelids.  TRUE CAHA, p. 4	3
2	1	4 (#6)	What is the term for eyes that are too small and set back into the head?  PIG-EYED Evans, p. 124	3
2	1	5 (#3)	T/F: Horses that “Tie-Up” sometimes have dark colored or coffee colored urine.  TRUE (myoglobin released from damaged muscle is incorporated into the urine.) The Horse – pg. 306	9
2	1	6 (#7)	T/F: Tetanus is a viral disorder which involves production of toxins that result in paralysis, rigidity of muscle and often death.  FALSE (bacterial) The Horse - P: 61	9
2	1	7 (#4)	T/F: A mare that is in estrus, but doesn’t show typical behavioral signs associated with estrus, is exhibiting a “False Heat”.  FALSE (SILENT HEAT) The Horse -P: 327	2
2	1	8 (#8)	T/F: When a newborn foal receives antibodies from the mare through the colostrum, it is called passive transfer of immunity.  TRUE AYHCLM, p. B112-2L	2

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2	2	1/5	Which classification of Wound would describe a rope burn – laceration, avulsion, or abrasion?  ABARASION <span style="float: right;">Evans 608</span>	9
2	2	2/6	Which is the most important factor that initiates the stimulation of the growth of the horse's winter coat – the shorter length of daylight or temperature?  THE SHORTER LENGTH OF DAYLIGHT <span style="float: right;">HIH 420 – 1</span>	9
2	2	3/7	In show jumping, what is meant when a competitor has a “clear round”?  ROUND IS COMPLETED WITHOUT JUMPING OR TIME FAULTS. (Also accept “No Faults”.) <span style="float: right;">IDET, p. 58</span>	8
2	2	4/8	What piece on an English bridle is not usually seen on a Western bridle?  NOSEBAND OR CAVESSON <span style="float: right;">AYHCLM, p. B108-2L</span>	7
2	2	1/5	What is the western version of a standing martingale called?  TIE-DOWN <span style="float: right;">HIH, p. 1100-12</span>	7
2	2	2/6	To which breed is the term “blood horse” synonymous?  THOROUGHBRED <span style="float: right;">IDET, p. 32</span>	6
2	2	3/7	When viewed from the rear, which part of the horse's hindquarter should be the widest?  STIFLE AREA <span style="float: right;">Evans 154</span>	3
2	2	4/8	At what age are foals usually weaned?  4 to 6 MONTHS <span style="float: right;">AYHACLM B112-2L</span>	2





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2	3	8 B	A horse that does not display certain traits but may pass those traits on to its offspring is called a what?  CARRIER	9  IDET, 49
2	3	9	List two main purposes a saddle blanket serves.  PROTECT THE BACK ABSORB SWEAT AND MOISTURE PROTECT SADDLE HELPS THE SADDLE FIT BETTER	7  HIH 1100 - 5
2	3	10	What is the term for a ration that supplies the proper amounts of all nutrients needed by the animal?  BALANCED RATION OR COMPLETE FEED	1  IDET, p. 22, Lewis p. 385
2	3	11	What is the difference between phenotype and genotype?  PHENOTYPE = OUTWARDS OR PHYSICAL APPEARANCE GENOTYPE = GENETIC MAKE-UP	2  The Horse -P: 454-458
2	3	12 B	The domestic horse belongs to which species?  EQUUS CABALLUS	5  Evans, p. 13
2	3	13	When a horse has a blanket clip, which body parts of the horse are left unclipped?  HEAD, NECK AND LEGS	6  IDET, p. 30
2	3	14	Horse of what breed were captured from early Spanish expeditions by Indians and were then popular with colonists?  CHICKASAW	6
2	3	15	What are 4 of the 6 basic vital signs of the horse?  TEMPERATURE, PULSE, RESPIRATION, CAPILLARY REFILL TIME, MUCOUS MEMBRANE COLOR, SKIN PLIABILITY.	9  HIH 425 -1-2
2	3	16 B	What is the difference between conditioned and unconditioned stimuli in horses?  CONDITIONED: A stimulus that causes a response after it has been learned through practice  UNCONDITIONED: A stimulus that naturally causes a response with no practice	10  HIH P: 1240-1

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2	3	17	What is the name of the horse that won the first Kentucky Derby in 1875?  ARISTIDES	8  IDET, p. 15
2	3	18	What is the term used to describe a bursitis or swelling at the point of the elbow?  CAPPED ELBOW OR SHOE BOIL	3  The Horse - P: 163
2	3	19	What is the purpose of the crupper on a pack saddle?  TO KEEP THE SADDLE FROM SLIDING FORWARD.	7  AYHCLM, p. B118-1L
2	3	20	After performing strenuous exercise, a warm down period is suggested to remove what by-product of metabolism from the muscle?  LACTIC ACID	9  HIH P: 851-9

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2	B	1	The elbow joint in the horse is the articulation site of what three bones?  ULNA, RADIUS AND HUMERUS  Evans, p. 689, figure 19-5	4
2	B	2	Name four different areas where the pulse of a horse can be felt using your fingers.  Facial artery (under the jaw) Transverse facial artery (just below the eye) Lateral dorsal metatarsal artery (on hind leg on outside of cannon bone) Digital arteries (along the fetlock next to the deep digital flexor tendon) Metacarpal artery just below carpus (front leg inside) Base of tail Behind Elbow  CAHA, p. 62	9
2	B	3	2 part question – Medically speaking, what is a “block” and why would one be used?  BLOCK – Anesthetic injection used to numb certain parts of the body USED – detect the location of lameness and for standing surgeries. IDET, p. 32	3
2	B	4	What are three factors that may affect the rate of passage of ingesta through the gastrointestinal system in the horse?  Processing of feed Level of intake Frequency of feeding Exercise Individuality Time of watering Associative effects (ratio of hay to grain)  The Horse -P: 201-203	1

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3	1	1 (#1)	T/F: The substance in oak that makes it toxic is tannic acid.  TRUE  Lewis 303	1
3	1	2 (#5)	T/F: In addition to its role in bone formation, calcium is required for normal muscular activity.  TRUE  Evans, p. 221	1
3	1	3 (#2)	T/F: Arabian and Quarter Horse are the two body types recognized by the American Miniature Horse Association.  TRUE  AYHC 154-1	6
3	1	4 (#6)	T/F: White is an acceptable color for the Morgan registry.  FALSE	6
3	1	5 (#3)	T/F: The outer, protective layer of the horse's eye is called the retina.  FALSE (CORNEA)  IDET, p. 102	4
3	1	6 (#7)	T/F: The last 10 pairs of ribs that are not connected to the sternum are called loose ribs.  FALSE (false ribs or floating ribs)  IDET, p. 104	4
3	1	7 (#4)	T/F: Anemia is the medical term for any variation from the normal heart beat?  FALSE (ARRHYTHMIA)  IDET, p. 15	9
3	1	8 (#8)	T/F: On the average, a 1000 lb horse will consume 10-12 gallons of water in one day.  TRUE  HIH P: 420-3	9

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3	2	1/5	Which color is a double dilution of chestnut – palomino, perlino, or cremello?  CREMELLO  Evans, p. 460 and 482	6
3	2	2/6	Which system in the horse consists of the blood, blood vessels, and heart?  CARDIOVASCULAR OR CIRCULATORY SYSTEM  YLM 325 – 2	4
3	2	3/7	What hormone is responsible for milk let-down and contractions during parturition – oxytocin, prolactin, or estrogen?  OXYTOCIN  Evans, p. 340	2
3	2	4/8	What is the term for a neck that has a thickened, rounded underline and a concave top line?  EWE NECK  FCH, p. 389 & Evans, p. 145	3
3	2	1/5	Rhinopneumonitis affects which system within the horse – respiratory, cardiovascular, or nervous system?  RESPIRATORY  HIH 445 - 5	9
3	2	2/6	Give the proper term for the raised “bump” in the middle of the mouthpiece of a curb bit.  PORT  AYHCLM, p. B 108-3L	7
3	2	3/7	What grooming tool is used to loosen hair and dirt in a circular motion?  CURRY COMB  IDET, p. 75	7
3	2	4/8	What is the most obvious clinical sign of pinworm infestation?  A RUBBED TAIL OR RATTAIL  Evans, p. 640	9

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3	3	1	What is carpitis?  POPPED KNEE OR AN ENLARGEMENT OF THE KNEE JOINT AS A RESULT OF INFLAMMATION. Evans - pg: 163	3
3	3	2	A chestnut horse has a hind leg with white that extends to the pastern. In this white area there are liver colored spots. What is the term for these spots?  DISTAL SPOTS (Ermine) Evans, p. 83	6
3	3	3	In reference to horse racing, what does the term “also-ran” refer to?  ANY HORSE THAT RAN BUT DID NOT PLACE IN THE RACE IDET, p. 7	8
3	3	4	Name three types of flies that affect horses.  B HORSE FLIES, STABLE FLIES, FACE FLIES, HORN FLIES, DEER FLIES, BOT FLIES, HOUSE FLIES HIH 415-1 and 2	9
3	3	5	Give two distinguishing characteristics of a true white horse?  BORN WHITE, SNOW WHITE HAIR, PINK SKIN AND BROWN, HAZEL OR BLUE EYES HIH 140-2	6
3	3	6	What are the three basic types of bit classification?  Snaffle, Curb, Hackamore HIH P: 1100-8	7
3	3	7	What type of bone fracture breaks the skin?  COMPOUND FRACTURE OR OPEN FRACTURE IDET, p. 63	9
3	3	8	What type of insurance covers the insured against bodily injury or property damage as well as provide for legal defense in actions alleging negligence?  B LIABILITY INSURANCE HIH 1340 – 5	10
3	3	9	In which country did the “Asiatic Wild Horse” originate?  MONGOLIA IDET, p. 16	5
3	3	10	In addition to length of stride, what other function does the angle of the shoulder affect?  ABSORPTION OF SHOCK HIH 220 – 6	3

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3	3	11	On average, how many days is the estrous cycle of the mare?  21 to 23 DAYS  The Horse - P: 323	2
3	3	12	Name three kinds of grains fed to horses.  B OATS, CORN, BARLEY, SORGHUM (MILO), WHEAT, RYE, RICE, MILLET  Lewis 73 – 6	1
3	3	13	Which region of the horse's vertebral column is the most flexible?  THE CERVICAL REGION. (Do not accept "Neck".)  Evans, p. 96	4
3	3	14	What type of saddle would most likely be used with a double rigged cinch?  PACK SADDLE  HIH 1125 - 3	7
3	3	15	What is the horse racing term for a type of wagering where the person placing the bet must pick the first and second place finishers in a race in exact order?  EXACTA  IDET, p. 10	8
3	3	16	What are the dimensions of a standard dressage arena?  B 20m x 60m  State Rules, 56	8
3	3	17	When examining the mucus membranes of a healthy horse, what would you expect to see?  THE MEMBRANES SHOULD BE BRIGHT AND MOIST AND HAVE A CLEAR PINK COLOR.  HIH P: 425-2	9
3	3	18	When used in regard to horses, this term indicates dominance hierarchy or order of dominance.  PECKING ORDER  FCH, p. 399	10
3	3	19	What is the difference between a slip ear and split ear bridle?  SPLIT EAR – crownpiece is split allowing one ear to pass through. SLIP EAR – has a piece added to the crownpiece that can be slid to either side, allowing either ear to pass through  HIH 1108-8	7
3	3	20	What two hormones increase just before ovulation in the mare?  ESTROGEN AND LUTEINIZING HORMONE  The Horse, p. 338	2



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3	B	1	List 4 factors that influence a horse's nutritional requirements.  SIZE OF ANIMAL, ENVIRONMENT, AGE, TYPE OF USE OR ACTIVITY, AND METABOLIC RATE. HHH 120 – 3	1
3	B	2	The horse's foot is uniquely designed to do seven things, name four.  Support weight, Resist wear, Replenish itself, Absorb shock, Provide traction, Conduct moisture, Assist in pumping blood. HHH 505-1	4
3	B	3	Name 4 of the bones that make up the pelvic girdle in the horse.  ILIUM, PUBIS, ISCHIUM, SACRUM, CAUDAL VERTEBRAE (coccygeal vertebrae) CAHA – Plate 28	4
3	B	4	Name four clinical signs of Tetanus.  Hyper responsiveness to touch, light or sound Prolapse of the third eyelids Gait or neck stiffness Fever High pulse and respiration Erect ears and tail Locked Jaw (Trismus) Flared nostrils Muscle spasms Sweating Convulsions Depression Respiratory or cardiac arrest HHH 645 - 1	9