



2016 NC 4-H Horse Program State Hippology Contest

Senior Division

March 5, 2016

1. The character being pointed to represents which piece of information?



- A. Year Foaled
- B. Registration Number
- C. Registering Organization
- D. Decade Foaled

2. If this animal is spotted in your horse's pasture, which disease might your horse have been exposed to?



- A. West Nile Virus
- B. Equine Infectious Anemia
- C. Rabies
- D. Equine Protozoal Myeloencephalitis

3. Which piece of equipment is pictured?



- A. Running Martingale
- B. Standing Martingale
- C. German Martingale
- D. Irish Martingale

4. What is being measured in this picture?



- A. Digital Pulse
- B. Capillary Refill Time
- C. Flexion
- D. Hoof Angle

5. Which gait is this breed known for?



- A. Running Walk
- B. Fox Trot
- C. Termino
- D. Stepping pace

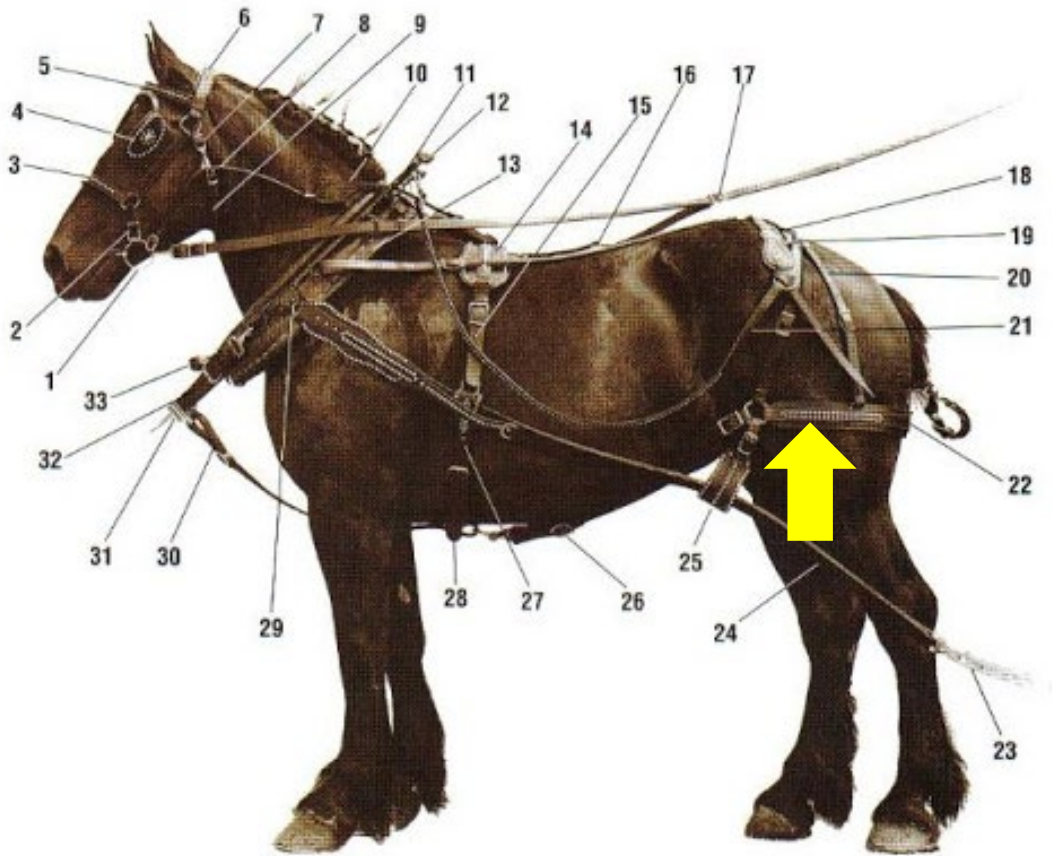
6. Which type of saddle is shown?



Photo from horseandmulegear.com

- A. Decker
- B. McClellan
- C. Australian
- D. Sawbuck

7. Which part is being pointed to by the arrow?



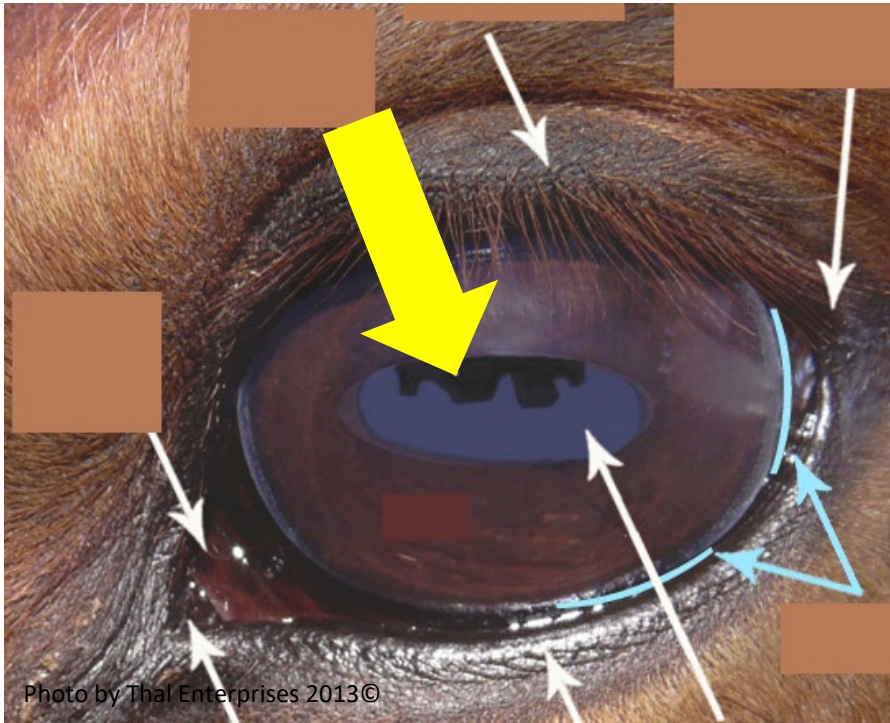
- A. Breeching
- B. Back Strap
- C. Trace
- D. Crupper

8. A horse with which condition could benefit from this shoe?



- A. Navicular
- B. Laminitis
- C. Club foot
- D. White line disease

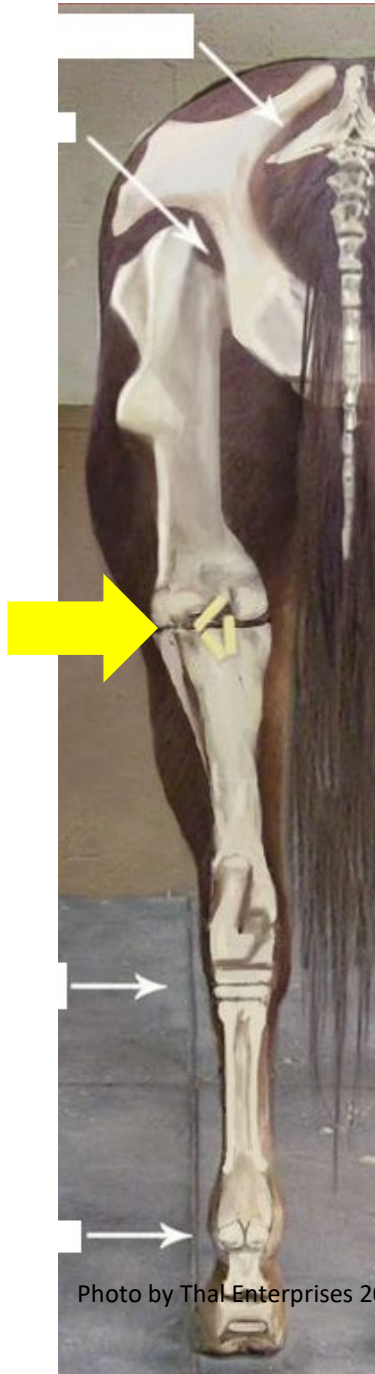
9. Which structure is the **yellow** arrow pointing to?



- A. Nictitating Membrane
- B. Sclera
- C. Corpora Nigra
- D. Optic Disc

10. Which joint is being pointed to with the **yellow** arrow?

- A. Sacroiliac
- B. Hock
- C. Stifle
- D. Tarsal



11. Identify which shoe would be used for the front foot and which would be used for the hind.



A



B

- A. A for front and B for hind
- B. B for front and A for hind
- C. Both are for the front
- D. Both are for the hind

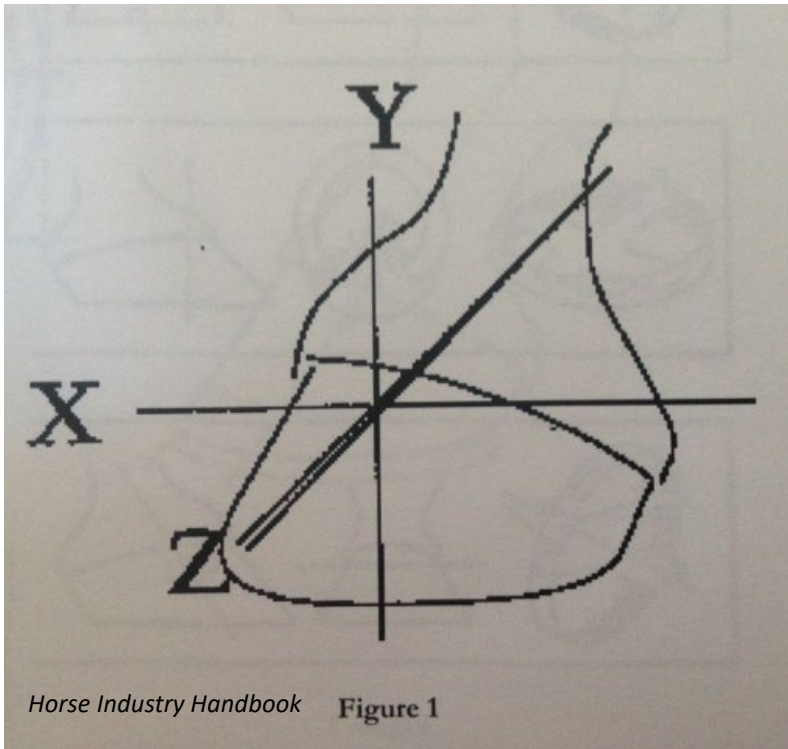
12. Which term is the name of the congenital defect seen on this horse?



Photo by Rachel C from Wikimedia Commons

- A. Microphthalmia
- B. Brachygnathism
- C. Prognathism
- D. Brucellosis

13. In regards to hoof balance, what do the letters X and Z measure?



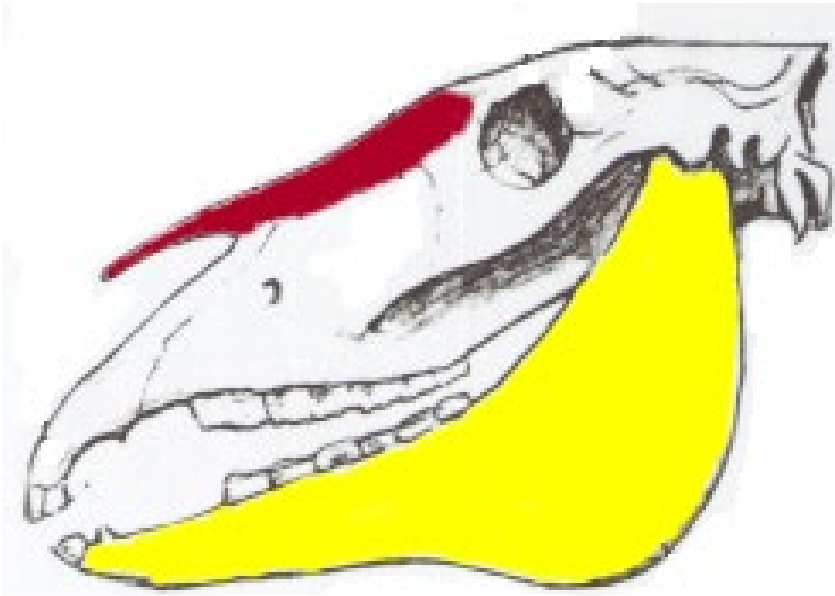
- A. Forwards & Backwards
- B. Interior & Posterior
- C. Caudal & Cranial
- D. Medial/Lateral & Toe/Heel

14. Which type of hay is pictured?



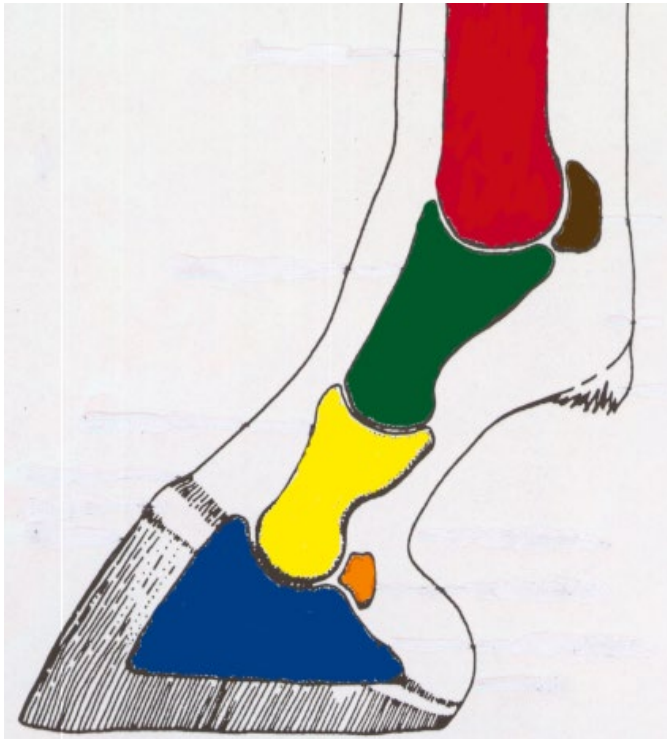
- A. Timothy
- B. Alfalfa
- C. Straw
- D. Fescue

15. The area in yellow represents which bone?



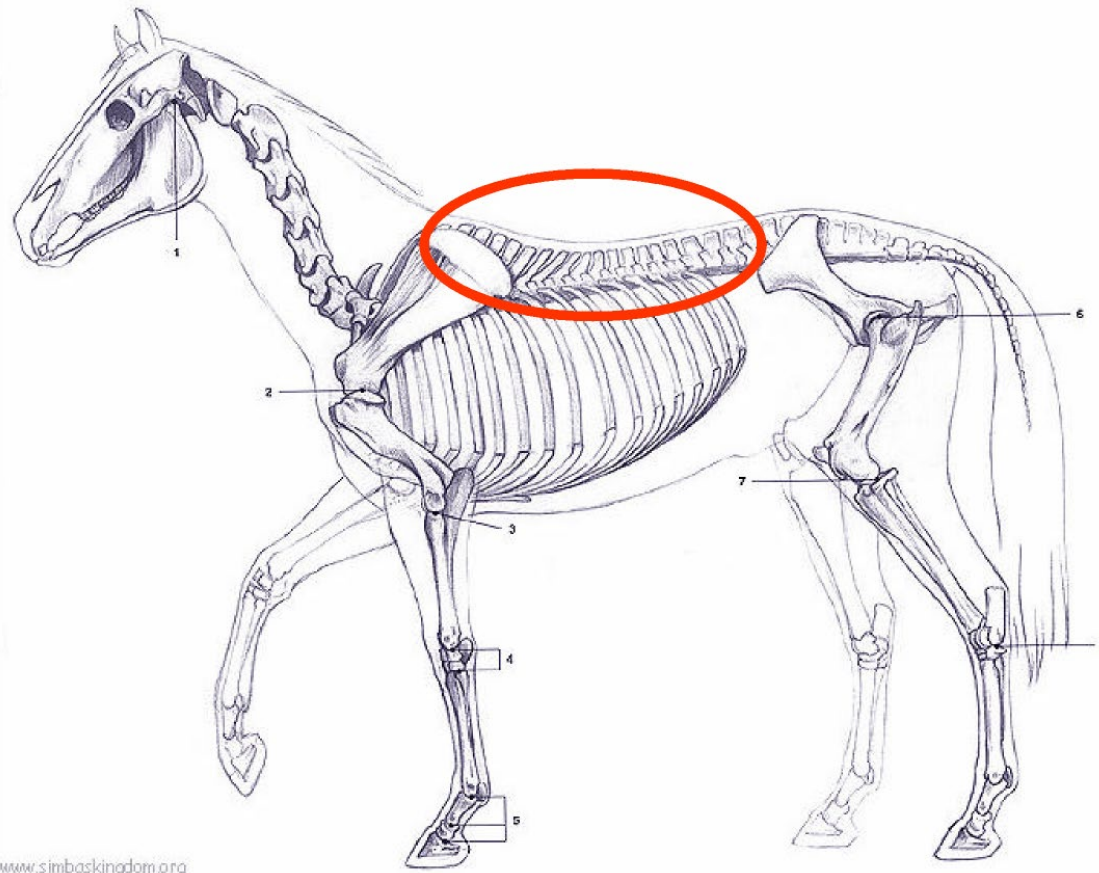
- A. Mandible
- B. Maxilla
- C. Zygomatic
- D. Nasal

16. The bone colored green is the:



- A. First phalanx/Long pastern
- B. Distal Sesmoid/Navicular
- C. Cannon/Metacarpal
- D. Pedal/Coffin

17. Name the region of the spinal column that is circled red.



A. Thoracic

B. Lumbar

A. Sacral

B. Cervical

18. Who is the foundation sire for this breed?

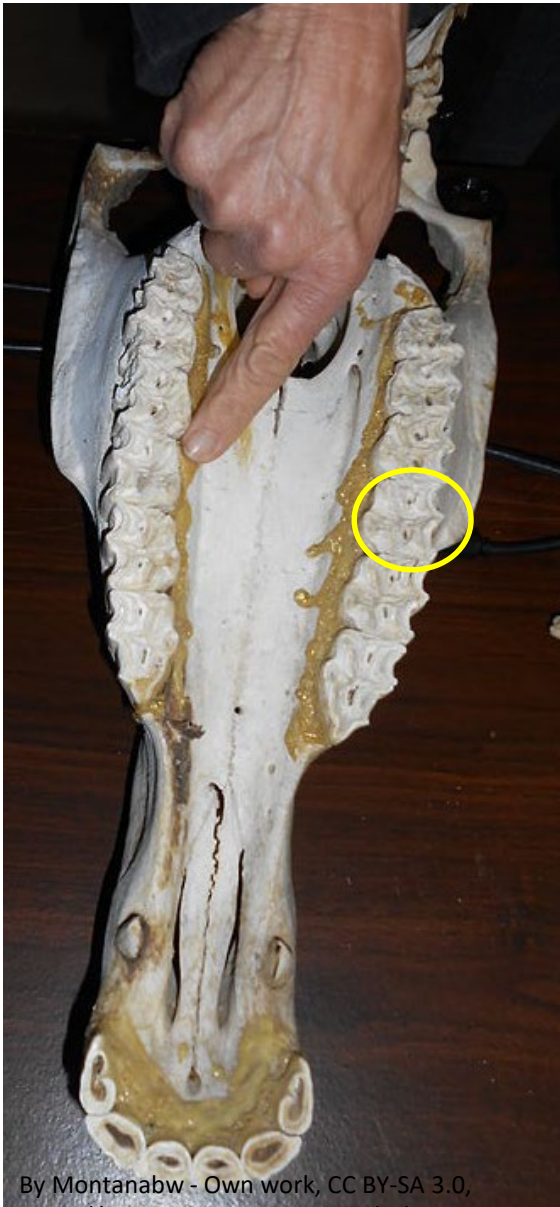


- A. Allan F-1
- B. Denmark
- C. Wing Commander
- D. Black Hand No. 1

Image from Flickr

19. Name the tooth that is being pointed to and circled.

- A. Incisor
- B. Canine
- C. Premolar
- D. Molar



20. How many pairs chromosomes does this equine possess?



A. 33

B. 32

C. 31

D. 22

21. What do you call this type of hitch?



- A. Quad
- B. Unicorn
- C. Four-in-hand
- D. Double tandem

22. Which specific type of noseband is shown?



Image from Doversaddlery.com

- A. Figure 8
- B. Flash
- C. Cavesson
- D. Dropped

23. The arrow is pointing to which part of the bit?



- A. Shank
- B. Port
- C. Bradoon
- D. Cricket

24. Which ancestor of the horse is pictured?

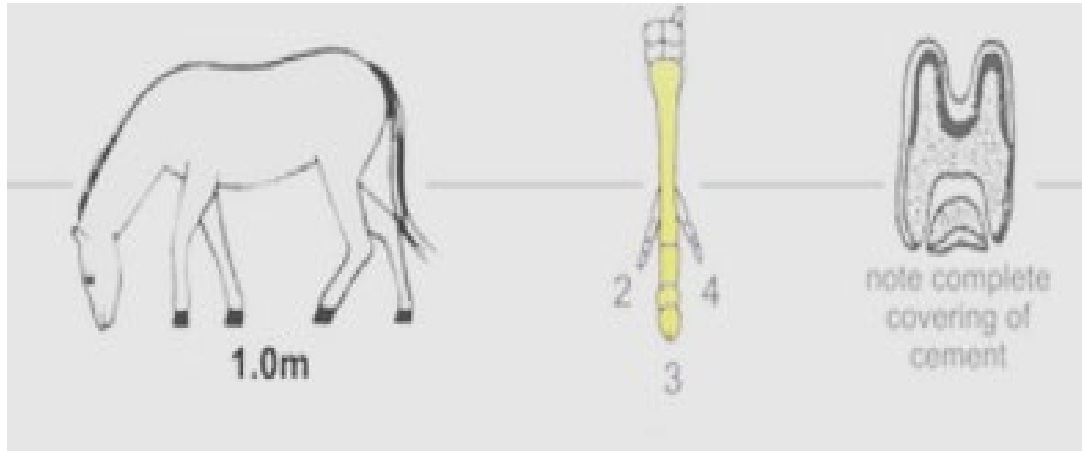


Image from Wikimedia- Creative Commons by Mcy Jerry

- A. Eohippus
- B. Equus
- C. Merychippus
- D. Pliohippus

25. Which day of the competition is pictured below?



Home Corporation [Attribution], via Wikimedia Commons

- A. Day 1
- B. Day 2
- C. Day 3
- D. Day 4

26. The arrow is pointing to which piece of equipment?



By Pete Markham from Loretto, USA (Equine Dentistry) [CC BY-SA 2.0 (<http://creativecommons.org/licenses/by-sa/2.0>)], via Wikimedia Commons

- A. Twitch
- B. Vice
- C. Float
- D. Speculum

27. In which country did this breed originate?



- A. Ireland
- B. Germany
- C. Scotland
- D. France

By Bev Sykes from Davis, CA, USA (Flickr) [CC BY 2.0
(<http://creativecommons.org/licenses/by/2.0>)], via Wikimedia Commons

28. Which reel represents the suspension phase?

A.



B.



C.



D.



By Photos taken by Eadweard Muybridge (d. 1904). Edit by User:Waugenberg [Public domain], via Wikimedia Commons

29. Which of the following is a nickname for this breed of pony?



- A. Ice pony
- B. Prince of ponies
- C. Banker pony
- D. Living fossil

By me'nthedogs [CC BY 2.0 (<http://creativecommons.org/licenses/by/2.0>)], via Wikimedia Commons

30. This form is completed when a horse is tested for which disease?

Print name and address legibly for window envelope use

Dr. _____

Address _____

City _____ State _____ Zip _____

Owner _____

Address _____

Zip _____

Phone _____

I hereby certify that the blood specimen submitted with this form was drawn by me from the animal described below on the date indicated.

DATE BLED _____

SIGNATURE _____

Reason for Test:

1. Clinical _____
2. Infected _____
3. Exposed _____
4. Show _____
5. Sale _____
6. Routine _____
7. Other _____

Animal Stabled At _____

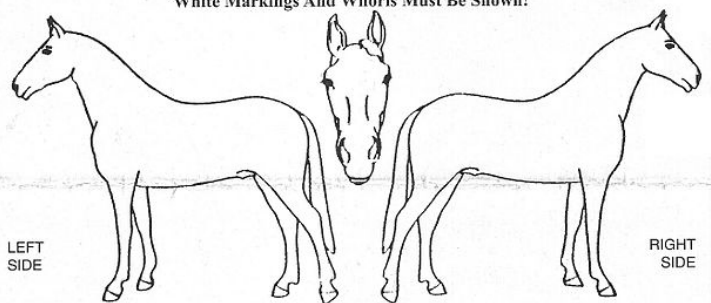
Address _____

County _____ TOWN _____

Farm No. (QBSP) _____

TUBE NUMBER	NAME	COLOR	BREED	SEX* Check One	AGE	TEST RESULTS
				S M G		

White Markings And Whorls Must Be Shown!



LEFT SIDE

RIGHT SIDE

Date and condition of samples received _____

The result of the test for on the above specimen is as indicated

Signature _____

Accession No. _____

WHITE COPY — VETERINARIAN
YELLOW COPY — OWNER
PINK COPY — FILE
GOLDENROD COPY — STATE VETERINARIAN

*Please Use Legend: S — Stallion/Male
M — Mare/Female
G — Gelding

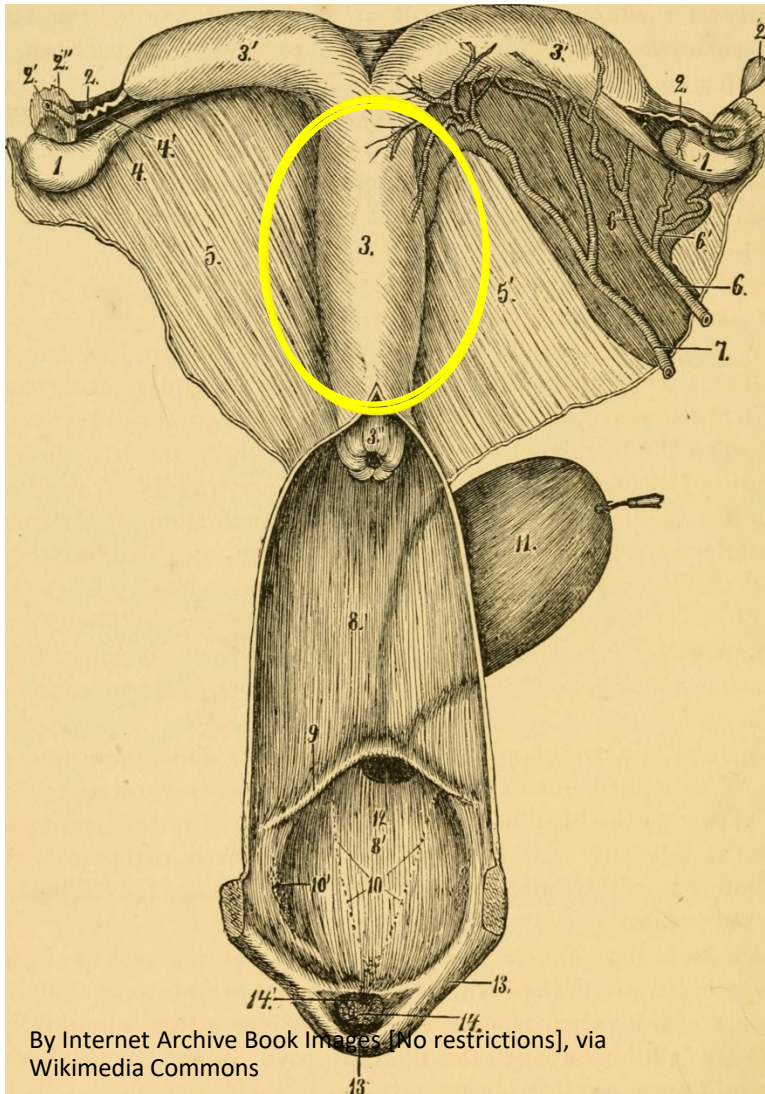
- A. Equine Viral Arteritis
- B. Equine Infectious Anemia
- C. Equine Encephalomyelitis
- D. Equine Rhinopneumonitis

31. Which of the following is **most likely** being diagnosed with this tool?



- A. Stringhalt
- B. Ulcers
- C. Pregnancy
- D. Heaves

32. Name the circled structure.



- A. Oviduct
- B. Ovary
- C. Uterus
- D. Vagina

33. If a mare displays this behavior towards a stallion, what phase of the estrous cycle is she most likely in?



- A. Anestrus
- B. Diestrus
- C. Estrus
- D. Metestrus

By eXtensionHorses [CC BY-SA 2.0
(<http://creativecommons.org/licenses/by-sa/2.0>)], via Wikimedia
Commons

34. Which of the following is responsible for this horse's condition?



Image from: <http://blog.classic-equine.com/>

- A. Herpes Virus
- B. *Streptococcus equi*
- C. *Clostridium tetani*
- D. *Salmonella*

35. Which of the following is **not** a correct term for the condition seen in the picture?

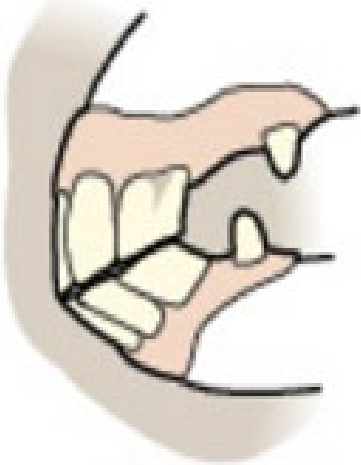


Image from: <http://www.thehorse.com/articles/32183/>

- A. Scratches
- B. Mud Fever
- C. Grease-heel
- D. Scabies

36. Which horse is the oldest?

A.



B.



C.



D.



37. Which of the following diseases displays the characteristics shown in the picture below?



Image by Brian McCluskey from Thehorse.com

- A. Equine Herpes Virus
- B. Vesicular Stomatitis
- C. Herda
- D. Equine Salmonellosis

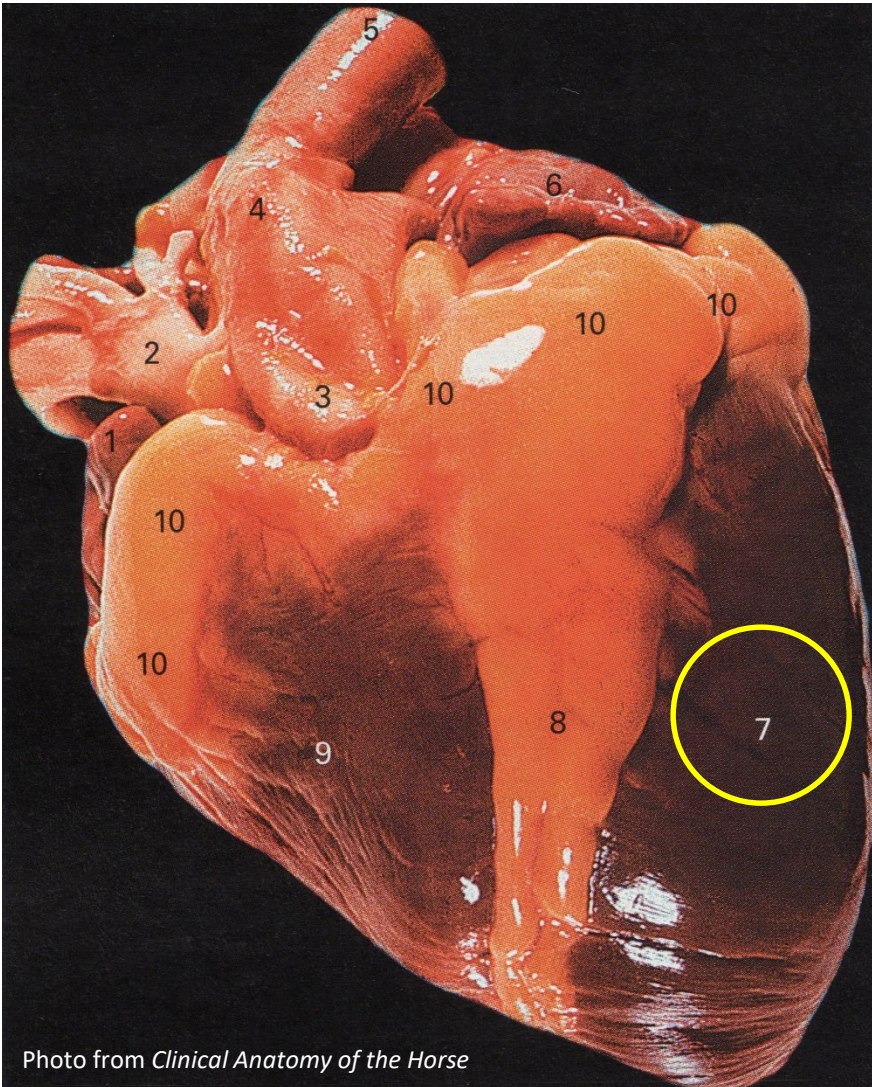
38. Identify the poisonous plant that is pictured.



Image from istock on TheHorse.com

- A. Pokeweed
- B. Golden weed
- C. Buttercup
- D. Yellow star thistle

39. Name the circled structure, labeled
“7.”



- A. Aorta
- B. Left Auricle
- C. Vena Cava
- D. Left Ventricle

40. Which of the following statements is **not** true concerning this feedstuff?



- A. It is low in fiber
- B. It is high in energy
- C. It is prone to mold
- D. It is safe to feed to horses prone to founder

41. Which of the following terms is associate with this device?



- A. Episiotomy
- B. Entropion
- C. Endorphins
- D. Epinephrine

42. What is the term for the area in which the arrow is pointing?

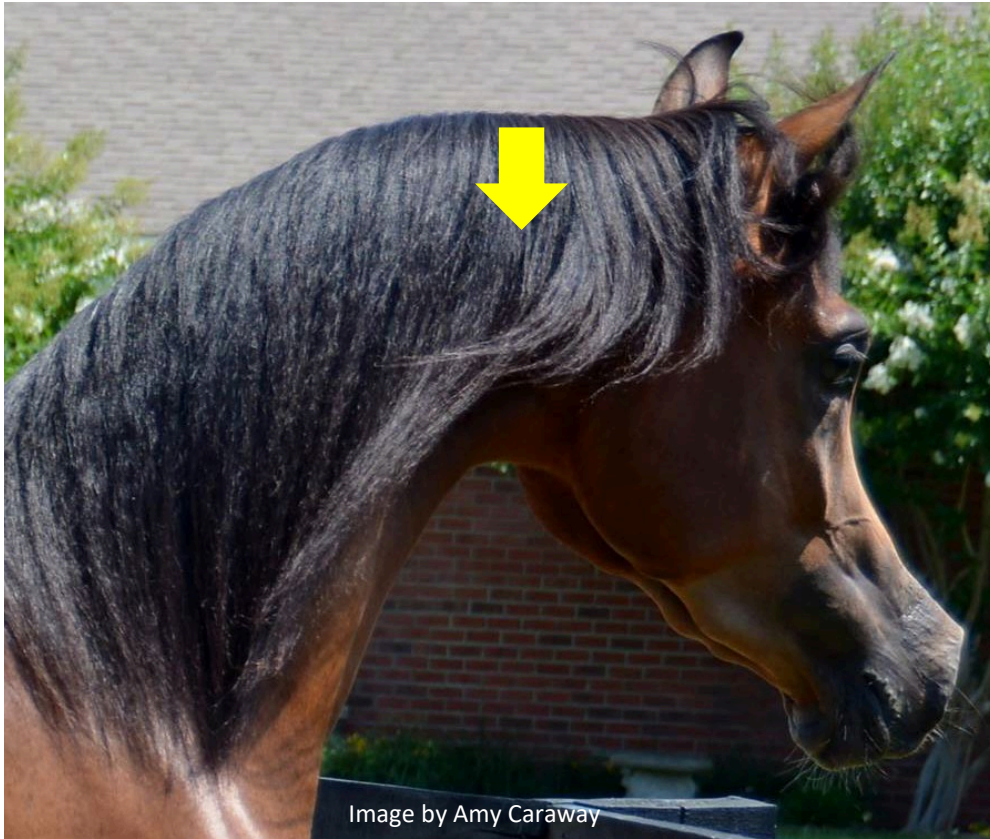


Image by Amy Caraway

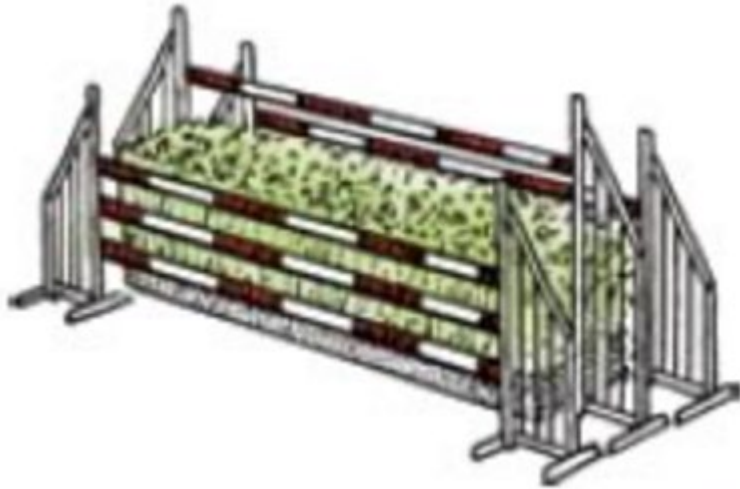
- A. Poll
- B. Jibah
- C. Mitbah
- D. Crest

43. This coat color is a dilution of which color?



- A. Crème
- B. Bay
- C. Chestnut
- D. Brown

44. Name this type of jump.



- A. Oxer
- B. Triple bars
- C. Hog's back
- D. Coop

45. In which organ would these most likely be found?



- A. Small Intestine
- B. Large Intestine
- C. Stomach
- D. Cecum

46. Which term describes the circled horse's finish?



- A. Place
- B. Show
- C. Also ran
- D. Trifecta

47. Which terms best describe this horse's coat color?



- A. Piebald Overo
- B. Skewbald Tobiano
- C. Piebald Tobiano
- D. Skewbald Overo

48. Which of the statements about these bits is not true?



- A. They are non-leverage
- B. The diameter of the mouthpiece affects severity
- C. The action is on the poll
- D. The mouthpiece can be straight

49. Which term describes this headstall?



- A. Slip ear
- B. Conventional
- C. Romal
- D. Split ear

50. Which event is pictured?



- A. Cutting
- B. Working Cow Horse
- C. Steer Wrestling
- D. Team Roping

2016 State Hippology Senior Division Answer Key

1. C	11. B	21. C	31. C	41. C
2. D	12. A	22. B	32. C	42. C
3. B	13. D	23. D	33. C	43. C
4. A	14. A	24. C	34. B	44. C
5. C	15. A	25. B	35. D	45. A
6. D	16. A	26. D	36. B	46. B
7. A	17. A	27. C	37. B	47. C
8. B	18. B	28. A	38. D	48. C
9. C	19. C	29. D	39. D	49. A
10. C	20. A	30. B	40. D	50. D