

QUIZBOWL



# SENIOR QUIZBOWL

## Swine Health

- Which of the following is an anthelmintic?
  - Oxytetracycline
  - Ivermectin**
  - Sulfamethazine
- True** or False. Leptospirosis causes abortions in pregnant sows.
- The label on an antibiotic says to administer 1 cc per 20 lbs. of body weight. Your veterinarian told you to administer 2cc per 20 lbs. of body weight to your sick pig. The withdrawal period is listed as 6 days on the bottle. Is this withdrawal period correct for the dosage you are using?
 

**No. Your veterinarian should prescribe a withdrawal period for the increased dosage.**
- What strategies can be used to keep pigs from picking up diseases from other groups of pigs?
  - All-In All-Out Management
  - Disinfecting and Drying
  - Washing
  - All of the above**
- A 150-lb. market hog has suddenly died. It appears gaunt and extremely pale. During the post mortem examination you find a big blood clot in the pig's stomach. What is the probable cause of death?
  - Fever
  - Pneumonia
  - Gastric Ulcer**
  - None of the above
- True** or False. Pit ventilation in deep-pit confinement buildings pulls off pit gasses and odors that could affect pig performance and increase respiratory disease.
- Which of the following are ways to confirm pregnancy in a sow (may have more than 1 answer)?
  - Absence of heat at 21 days
  - Electronic pregnancy tester
  - Distended udder after 90 days
  - Rectal palpation
  - All of the Above**
- Why is it advantageous for sows to farrow in farrowing crates rather than in open pens?
  - Reduced piglet survivability
  - Sow not as likely to kill piglets
  - Better control of climate
  - B and C**
- What drug is sometimes administered to sows during the farrowing process and can result in uterine contractions and milk let-down?
 

**Oxytocin**
- Round worms are a/an \_\_\_\_\_ parasite.
  - Internal**
  - External
- Mange mites are an example of a/an \_\_\_\_\_ parasite.
  - Internal
  - External**
- Veterinarians evaluate Atrophic Rhinitis in swine carcasses by examining the turbinate bones located in the \_\_\_\_\_.
 

**Snout or Nose**
- Veterinarians evaluate Atrophic Rhinitis in swine carcasses by examining the \_\_\_\_\_ located in the snout or nose.
 

**Turbinate Bones**

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14. PRRS stands for \_\_\_\_\_.  
**Porcine Respiratory and Reproductive Syndrome**
15. When is the leptospirosis vaccine given to pigs in a farrow-to-finish system?  
**Pre-breeding**
16. Which is one effect that leptospirosis does not have on swine?  
 A. Liver Disease      **B. Lameness**  
 C. Kidney Disease      D. Reproductive issues
17. Pigs with Atropic Rhinitis have increased risk for what common illness?  
**Pneumonia**
18. You wean your pigs at 3 weeks of age and place each week's weaned pigs into a separate nursery room. How many nursery rooms would you need to place 10-week old feeder pigs onto a finishing floor, assuming one room is always empty for washing?  
**8 Nursery Rooms**
19. About how many gallons of water will a lactating sow drink each day?  
 A. 2      **B. 5**      C. 10      D. 18
20. According to the PQA Plus® handbook, how long should medication and treatment records be maintained?  
**1 year**
21. According the Pork Quality Assurance® Plus book, what does a VCPR stand for?  
**Veterinary/Client/Patient Relationship**
22. Traditionally, consumers were taught to cook pork until "well done". What parasite formerly associated with pork were they trying to kill?  
 A. Toxoplasma      **B. Trichina**  
 C. Roundworms      D. Coccidia
23. Name 4 species that can be affected by Foot and Mouth Disease.  
**Cattle, Water Buffalo, Sheep, Goats, Pigs, Antelope, Deer, Hedgehogs, Elephants and Bison.**
24. **True** or False. You may legally give an antibiotic (approved for cattle) to your pig if you have a veterinarian's approval and the veterinarian has provided a withdrawal period for the drug.
25. The withdrawal period for "Antibiotic X" is 14 days. If a pig was given a shot of Antibiotic X on June 19 at 3PM (according to label directions), when could the pig be slaughtered?  
**July 3 at 3pm at the earliest**
26. What is the name of the type of milk which passes some immunity from a sow to her piglet during the first 24 hours of its life?  
**Colostrum**
27. What is the name of the industry-wide biosecurity practice which ensures that incoming breeding stock don't transfer diseases to a herd?  
**Isolation**
28. **True** or False. A cloudy ejaculate of boar semen would be expected to contain more sperm cells than a clearer ejaculate.

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## Swine Health

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29. Which of the following is an anthelmintic (wormer): Oxytetracycline, Ivermectin, or Sulfamethazine?  
**Ivermectin is a wormer. The others are antibiotics.**
30. **True** or False. Leptospirosis causes abortions in pregnant sows.
31. What is the normal body temperature of a pig?  
**102.6 Accept 102.0 - 103.0.**
32. Where on a pig's body should intramuscular injections be given?  
**In the neck muscle (behind the ear is acceptable)**
33. True or False. Leptospirosis vaccine is typically given to baby pigs at weaning time.  
**False. This vaccination is given pre-breeding.**
34. True or False. Pigs with Atropic Rhinitis generally have lower incidence of pneumonia.  
**False. Destroyed turbinate bones allow more access of bacteria to lungs and thus more potential for pneumonia.**
35. Management practices that act to maintain a disease-free environment for pigs are called \_\_\_\_\_ practices.  
**Biosecurity**
36. Mycoplasmal Pneumonia affects what organ in a pig's respiratory system?  
 A. Liver  
 B. Kidneys  
**C. Lungs**

