

QUIZBOWL



# INTERMEDIATE QUIZBOWL

## Swine Knowledge

- How old should gilts be before their first breeding?
  - A. 6-8 weeks
  - B. 7-12 months**
  - C. 2 years
  - D. 5 years
- How many white points is a Poland China supposed to have?
  - A. Four
  - B. Six**
  - C. Eight
  - D. Ten
- What is the name for the sire's dam?
  - A. paternal grand sire
  - B. maternal grand dam
  - C. paternal grand dam**
  - D. second generation
- Which breed is best known for being good mothers?
  - A. Chester White**
  - B. Poland China
  - C. Berkshire
  - D. Spotted
- Keeping pigs separated from other pigs from another farm in order to prevent the spread of disease is called?
  - A. Presentation
  - B. Selection
  - C. Isolation**
  - D. None of the above
- Pigs carrying one copy of the stress gene are classified as:
  - A. stress positive
  - B. stress negative
  - C. stress carriers**
  - D. sick pigs
- What does CPS stand for?
  - A. Chester Poland Spot Association
  - B. Cool People Showing
  - C. Certified Pedigreed Swine**
- Which of the following hormones causes "heat"?
  - A. Growth hormone
  - B. Oxytocin
  - C. Progesterone
  - D. Estrogen**
- A subcutaneous shot is given:
  - A. Under the skin
  - C. In the muscle**
  - B. In the vein
  - D. In the mouth
- How many total notches are required to identify a pig as 85-13?
  - A. 5
  - B. 6**
  - C. 9
  - D. 13
- What state is home of the National Pork Board?
  - A. Illinois
  - B. **Iowa**
  - C. Indiana
  - D. Nebraska
- Using the purebred system what do the notches in the left ear stand for?
  - A. Dam number
  - B. Litter Number
  - C. Sire Number
  - D. Pig Number**
- When does the mature sow have the lowest nutrient requirement?
  - A. gestation**
  - B. lactation
  - C. estrus
  - D. requirements don't change
- Rank from highest to lowest cattle, sheep and swine in terms of dressing percentage.
  - A. swine, cattle, sheep**
  - B. cattle, sheep, swine
  - C. sheep, swine, cattle
  - D. swine, sheep, cattle
- A boar begins to produce sufficient sperm to impregnate a female when he is how old?
  - A. 3-4 months
  - B. 2-5 months
  - C. 90 days
  - D. 7-9 months**

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16. What part of the pig is often pickled?  
**A. feet**  
 C. ham  
 B. bacon  
 D. pork chops
17. True or **False**. Genetics accounts for all the variability among individuals.
18. The practice of feeding swine to gain weight and hyper-ovulate them pre-breeding is?  
**A. flushing**  
 C. synchronizing  
 B. finishing  
 D. isolating
19. True or **False**. When clipping baby pig teeth, the molars are cut off.
20. What hormone is responsible for maintaining pregnancy?  
 A. prolactin  
 C. estrogen  
 B. oxytocin  
**D. progesterone**
21. When does most fetal growth occur of the sows litter?  
 A. early gestation  
 B. mid gestation  
**C. late gestation**  
 D. fetal growth is evenly distributed
22. What vitamin is called the sunshine vitamin?  
 A. vitamin A  
 C. vitamin K  
**B. vitamin D**  
 D. vitamin C
23. What does EPD stand for?  
 A. expected payment deviation  
 B. expected performance difference  
**C. expected progeny difference**  
 D. expected phenotype deviation
24. When balancing swine rations we usually consider protein requirements, but what should we actually use?  
**A. amino acids**  
 C. fatty acids  
 B. carbohydrates  
 D. vitamin/mineral
25. True or **False**. Fishmeal is used as an energy source in showpig diets?
26. Which will have the highest dressing percentage?  
**A. market hog**  
 C. market goat  
 B. market steer  
 D. market lamb
27. What hormone is responsible for milk production?  
**A. prolactin**  
 C. estrogen  
 B. oxytocin  
 D. progesterone
28. Ramps that are \_\_\_\_\_ the trailer are best for loading pigs.  
 A. slightly higher  
**C. level with**  
 B. slightly lower  
 D. made of wood
29. When does the mature sow have the highest nutrient requirement?  
 A. gestation  
**B. lactation**  
 C. estrus  
 D. requirements don't change
30. How many members are on the Team Purebred Junior Board of Directors?  
 A. 7  
**B. 9**  
 C. 5  
 D. 10
31. Which of the following strains of the flu virus most recently made the headlines?  
 A. Avian  
 B. H2N1  
 C. N1H1  
**D. H1N1**

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32. What is the swine breed that originated in Canada and consists of 55% Landrace, 23% Berkshire, and 22% Chester White?

- A. Lacombe**                      B. Blue Butt  
C. Poland                          D. Hereford

33. True or false. Oil should always be used to brighten black or red pigs for a show, especially on really hot days.

**False. Oil may be used during cool weather, but water serves the same purpose and should be used exclusively on hot days.**

34. Minimum ventilation is most important during which season of the year?

**Winter**

35. There are three sources of odor found on most hog farms - buildings, manure storage, and manure application. Which has the largest potential for odor complaints from neighbors?

**Manure Application**

36. All-in all-out management is a strategy to keep pigs from picking up diseases from other groups of pigs. Describe all-in all-out management.

**A room or building of pigs is completely emptied of pigs, (washed and disinfected) before the next group is moved in. (NOTE: Use your judgment on this one)**

37. The international swine industry trade show held annually in Des Moines, Iowa is called \_\_\_\_\_?

**The World Pork Expo**

38. True or False. Pigs should be moved and sorted with hurdles (sometimes called boards or sorting panels) that have openings that the pig can see through.

**False. Hurdles should be solid.**

39. Which state on the East Coast ranks second in the nation in hog production?

**North Carolina**

40. **True** or False. Dust accumulation on fan blades can reduce the amount of air the fan moves.

41. True or **False**. During a showmanship competition, you should always watch your parents outside the ring in case they have any advice to offer.

