

2014 State Fair Swine Skill-a-thon  
Intermediate Quiz Key

- In which part of the reproductive tract does fertilization normally occur?
  - Cervix
  - Vagina
  - Uterus
  - Oviduct**
- Subcutaneous means:
  - In the muscle
  - In the skin
  - Beneath the skin**
  - In the joint
- Which method of identification is permanent and used most often with pigs?
  - Freeze brand
  - Ear tag
  - Tattoo
  - Ear notch**
- Which of the following are used to calculate the SPI rank for a boar?
  - Number born alive
  - 21-day litter weight
  - Both A and B are correct
  - This rank does not exist for boars**
- If a pig is properly notched, which ear provides information about the litter?
  - Left
  - Right**
  - Both
  - Litter is not used with ear notching
- The follicle and corpus luteum are structures found on the
  - Testes
  - Uterus
  - Cervix
  - Ovaries**
- Where do you measure backfat on a hog when determining percent muscle?
  - At the 5th rib
  - At the last rib**
  - Between the 11<sup>th</sup> and 12<sup>th</sup> ribs
  - Between the 12<sup>th</sup> and 13<sup>th</sup> ribs
- Which of the following quality grades is NOT one that is used for pork?
  - Prime
  - Choice
  - Standard
  - None of the answers are used in pork**
- What % yield of lean pork cuts is most desirable?
  - Higher than 60%**
  - Less than 60%
  - Pork does not have lean
  - Pork is not measured on a % basis
- Which of the following feedstuffs would be the best source of protein for a growing hog?
  - Urea
  - Cracked corn
  - Soybean meal**
  - Barley
- How many chromosomes does a pig have?
  - 60
  - 38**
  - 34
  - 46
- A hog was slaughtered at 260 pounds and has a carcass that weighed 184 pounds. Which of the following is closest to the dressing percentage of this hog?
  - 76%
  - 1.4%
  - 71%**
  - 68%
- Which hog breed has gained popularity due to its high degree of muscling, but has problems with carcass quality?
  - Hampshire
  - Pietrain**
  - Poland China
  - Yorkshire
- Which of the following is the closest to the gestation length of a sow?
  - 148 days
  - 114 days**
  - 100 days
  - 125 days

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15. Which of the following cuts of a pork carcass would retail for the highest price per pound?
- a. **Ham**
  - b. Picnic
  - c. Boston butt
  - d. All of these would retail at similar prices
16. A pig now weighs 260 pounds. 75 days ago he weighed 110 pounds. He has eaten a total of 600 pounds of feed. What is his Feed Efficiency, also known as Feed-to-Gain Ratio?
- a. 2
  - b. **4**
  - c. 6
  - d. 8
17. Hogs have what structure in their cervix?
- a. **Interdigitated prominences**
  - b. Longitudinal folds
  - c. Annular rings
  - d. Both A and B
18. Piglets must be given a dose of a certain mineral soon after they are born. Which mineral is it?
- a. **Iron**
  - b. Calcium
  - c. Magnesium
  - d. Zinc
19. The EPD used in swine to predict the potential growth of their offspring is:
- a. Number Born Alive
  - b. 21-Day Litter Weight
  - c. **250-Day Weight**
  - d. Litter Size
20. One of the factors impacting yield grade in pork is:
- a. Loin-Eye Area
  - b. **Muscle Score**
  - c. Hot Carcass Weight
  - d. Maturity
21. When does ovulation occur relative to the beginning of estrus?
- a. Before
  - b. Same time
  - c. **After**
  - d. They are not related
22. What is the first milk called that is produced right after giving birth? It is important that the newborn animal drinks this within 6-12 hours of being born.
- a. Coliform
  - b. Prelactation
  - c. **Colostrum**
  - d. Whole milk
23. Your hog weighs 250 pounds. 10 days ago it weighed 225 pounds. What is the average daily gain for this hog?
- a. 1.4
  - b. 1.6
  - c. 1.9
  - d. **2.5**
24. The part of the intestine where the greatest amount of nutrient absorption occurs is the:
- a. **Duodenum**
  - b. Jejunum
  - c. Ileum
  - d. Colon
25. During the hot summer months, it is important to provide your pig with
- a. Shade
  - b. Adequate ventilation
  - c. A constant supply of fresh clean water
  - d. **All of the above**