HEALTH

**Question # 1**  Team A  Contestant 1

Short Answer

*Question:* Name a common grain that is used in swine diets.

*Answer:* Corn or soybean meal

*Resource:* Texas 4-H Swine Project Guide, AS16-2  Page: 8

---

HEALTH

**Question # 2**  Team B  Contestant 1

Short Answer

*Question:* What is one feed medication that may be used to prevent pneumonia?

*Answer:* Lincomix or Pulmotil

*Resource:* Swine Pneumonia, L-5203  Page: 5

---

CARCASS QUALITY

**Question # 3**  Team A  Contestant 2

Fill in the Blank

*Question:* Pork should be cooked to a medium degree of doneness, with an internal temperature of ______.

*Answer:* 160 degrees F

*Resource:* Selecting the Perfect Chop (or Steak), ASWeb-092  Page: 1
YOUTH PROJECTS
Question # 4 Team B Contestant 2
Short Answer
Question: How often should a needle be replaced if it is never bent?
Answer: At least every 20 injections.
Resource: Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 1

GENERAL MANAGEMENT
Question # 5 Team A Contestant 3
Fill in the Blank
Question: You should change your footwear and equipment or clean and disinfect when going from the ________ farm returning to the main herd.
Answer: Isolation
Resource: Isolation Procedures for Farrowing Operations, L-2263  Page: 1

YOUTH LIVESTOCK JUDGING
Question # 6 Team B Contestant 3
Short Answer
Question: What is body capacity?
Answer: Internal dimension
Resource: Evaluating Market Swine, ASWeb-039  Page: 4

CARCASS QUALITY
Question # 7 Team A Contestant 4
Short Answer
Question: As hogs age, do they tend to fatten from front to rear or from rear to front?
Answer: Front to rear
Resource: Carcass Quality - Why is it important?, ASWeb-070  Page: 2
**GENERAL MANAGEMENT**

*Question # 8*  Team B  Contestant 4

Fill in the Blank

*Question:* A piglet's ________ is a good yardstick to measure general health and comfort.

*Answer:* Behavior

*Resource:* Baby Pig Basics, ASWeb-069  Page: 2

---

**Toss-Up Questions**

---

**YOUTH PROJECTS**

*Question # 9*

True/False

*Question:* In sows, tenting the loose skin behind the ear is deemed acceptable by NPPC for a subcutaneous injection.

*Answer:* True

*Resource:* Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 2

---

**HEALTH**

*Question # 10*

Short Answer

*Question:* The term "thumping" refers to what?

*Answer:* Shallow rapid breathing

*Resource:* Swine Pneumonia, L-5203  Page: 1
HEALTH

Question # 11
Short Answer

Question: List one way to prevent a diet-induced diarrheal disease in swine?
Answer: Do not overfeed protein and other ingredients such as fat and make sure the pig finds the water source.

Resource: Diarrheal Disease in Show Swine, E-439 Page: 3

HEALTH

Question # 12
Short Answer

Question: What was the first name given to the virus that causes PRRS?
Answer: Lelystad virus

Resource: Porcine Reproductive and Respiratory Syndrome, L-5137 Page: 1

GENERAL MANAGEMENT

Question # 13
Short Answer

Question: Besides the "oink", what are 3 key co-products used from pigs?
Answer: Heart valves, insulin, burn dressings, pigskin leather, drugs, or pharmaceuticals

Resource: Quick Facts, pork.org Page: 37

GENERAL MANAGEMENT

Question # 14  ** Bonus Question Attached **

True/False

Question: Watching your pig closely is always important, but especially just after arrival.
Answer: True. Be sure they are eating, drinking and to detect sickness.

Resource: Texas Ag Extension Service, Starting Them Off Right!!, Sterle, ASWeb-075 Page: 2
**HEALTH**

**Question #** BONUS QUESTION

**Short Answer**

**Question:** How is Atrophic Rhinitis diagnosed in live animals?

**Answer:** Veterinarians can diagnose bacterial rhinitis and turbinate atrophy by swabbing the turbinate bones through the snout and producing a bacterial culture. Visual inspection is another method of live animal diagnosis.

*Resource: Atrophic Rhinitis, L-2193*  
*Page: 2*

---

**CARCASS QUALITY**

**Question #** 15

**Short Answer**

**Question:** Where is subcutaneous fat located?

**Answer:** Under the skin

*Resource: From Pen to Plate: Carcass Composition of Market Hogs, ASWeb-087*  
*Page: 1*

---

**GENETICS & SELECTION**

**Question #** 16

**True/False**

**Question:** Body capacity in breeding animals should be: deep rib and flank, spring and shape to rib, wide chest floor

**Answer:** True. Descriminate against: • Shallow bodied or “round ribbed”. • Flat ribbed. • Narrow chested

*Resource: Texas Cooperative Extension, Breeding Swine Selection, ASWeb-117 6-00*  
*Page: 2*

---

**HEALTH**

**Question #** 17

**Short Answer**

**Question:** How long (in days) can the PRRS virus be recovered from the throat of an infected pig after the start of an infection?

**Answer:** 157 days

*Resource: Porcine Reproductive and Respiratory Syndrome, L-5137*  
*Page: 3*
**HEALTH**

*Question # 18

Short Answer

*Question:* What company makes a ractopamine product called Paylean for swine?

*Answer:* Elanco Animal Health (a division of Eli Lilly and Company)

*Resource:* The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093   Page: 1

---

**CARCASS QUALITY**

*Question # 19

Short Answer

*Question:* Define "Extra Label"

*Answer:* The VETERINARIAN prescribes a drug to be used in a manner other than what's on the label.

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074   Page: 37

---

**CARCASS QUALITY**

*Question # 20

Short Answer

*Question:* What method of cooking is used for tender cuts of meat?

*Answer:* Dry heat cooking

*Resource:* Selecting the Perfect Chop (or Steak), ASWeb-092   Page: 1

---

**FEEDS/FEEDING**

*Question # 21

Short Answer

*Question:* What does the acronym PQA stand for?

*Answer:* Pork Quality Assurance

*Resource:* Quick Facts, pork.org   Page: 10
CARCASS QUALITY
Question # 22
Short Answer
Question: List the three types of potential food safety hazards in meat products.
Answer: Microbial, chemical, and physical
Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 14

HEALTH
Question # 23 ** Bonus Question Attached **
Short Answer
Question: When should you determine the cause of diarrhea in swine?
Answer: As soon as the pig develops diarrhea
Resource: Diarrheal Disease in Show Swine, E-439 Page: 3

CARCASS QUALITY
Question # BONUS QUESTION
Short Answer
Question: What three pork plants "strongly encourage" PQA requirements?
Answer: John Morrell, IBP, and Seaboard Farms
Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 5

HEALTH
Question # 24
Short Answer
Question: What is one way to minimize economic losses from disease when purchasing the initial swine in your herd?
Answer: Purchase all of the initial swine in your herd and all replacements from one source.
Resource: Plan for Herd Health When Starting a Swine Operation, L-2369 Page: 2
FEEDS/FEEDING

Question # 25

Short Answer

Question: When feeding Paylean what level of Crude Protein is recommended in your swine feed?

Answer: At least 16%

Resource: The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093 Page: 1

REPRODUCTION

Question # 26

Short Answer

Question: List up three things that determine when a gilt reaches puberty?

Answer: Age; body condition; plane of nutrition; exposure to a mature boar; pen size; and number of gilts per pen

Resource: Keeping Show Gilts as Replacements, ASWeb 088 Page: 1

CARCASS QUALITY

Question # 27

Short Answer

Question: What is the maximum rate/ton allowed for feeding Paylean?

Answer: 18 grams/ton. Paylean™ is approved at 18 grams per ton from 150 to 240 pounds (pen average).

Resource: The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093 Page: 1

GENETICS & SELECTION

Question # 28

Short Answer

Question: List 3 underline problems in breeding females.

Answer: Poor spacing, pin nipples, inverted nipples, blunt/blind nipples, or coarse/fleshy nipples.

Resource: Texas Cooperative Extension, Breeding Swine Selection, ASWeb-117 6-00 Page: 2
CARCASS QUALITY

Question # 29

Short Answer

Question: What method of cooking should be used for less tender cuts?

Answer: Moist Heat Cooking

Resource: Selecting the Perfect Chop (or Steak), ASWeb-092 Page: 1

REPRODUCTION

Question # 30

Short Answer

Question: What is an AI spirette?

Answer: A spirette is a spiral shaped, plastic tipped insemination rod.

Resource: Artificial Insemination of Swine, L-5321 Page: 2
# Swine Quiz Bowl
## Intermediate Questions
### Set B

Developed 01/2012

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<td><strong>Question:</strong> If a pork carcass is given a muscle score of 1, is this considered thick, average, or thin?</td>
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<td><strong>Answer:</strong> Thin</td>
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<td><strong>Answer:</strong> At one week of age</td>
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<td><strong>Resource:</strong> Baby Pig Basics, ASWeb-069 Page: 3</td>
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<td><strong>Answer:</strong> Proper management of the pig's environment.</td>
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</table>
## REPRODUCTION

**Question # 4**  Team B Contestant 2  

**Short Answer**

**Question:** What is the average pig's estrous cycle?  
**Answer:** 21 days  

**Resource:** Artificial Insemination of Swine, L-5321  Page: 1

## HEALTH

**Question # 5**  Team A Contestant 3  

**Short Answer**

**Question:** Why do exhibitors keep their Gilt after a show?  
**Answer:** To produce their own swine for next year's project  

**Resource:** Keeping Show Gilts as Replacements, ASWeb 088  Page: 1

## CARCASS QUALITY

**Question # 6**  Team B Contestant 3  

**Short Answer**

**Question:** What are the "four lean cuts"?  
**Answer:** Ham, loin, Boston butt, and picnic shoulder  

**Resource:** From Pen to Plate: Carcass Composition of Market Hogs, ASWeb-087  Page: 1

## GENERAL MANAGEMENT

**Question # 7**  Team A Contestant 4  

**Short Answer**

**Question:** What is the first milk given from the mother called?  
**Answer:** Colostrum  

**Resource:** Baby Pig Basics, ASWeb-069  Page: 1
GENERAL MANAGEMENT

Question # 8  Team B  Contestant 4
Short Answer

Question: At what age will the piglets own immune system function at full capacity?
Answer: 3 weeks of age

Resource: Baby Pig Basics, ASWeb-069  Page: 1

* * * * * * * * * * Toss-Up Questions * * * * * * * * * *

YOUTH PROJECTS

Question # 9
True/False

Question: It is ok to reuse bent needles if you clean the needle and straighten it back up.
Answer: False - You should never reuse a bent needle.

Resource: Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 1

HEALTH

Question # 10
Short Answer

Question: Name one way that Erysipelas is spread in swine.
Answer: Through oral and nasal fluids and feces and can be carried by many healthy swine.

Resource: Vaccinations for Farrowing Operations, L2192  Page: 1
General

Question # 11
Short Answer

Question: What major four breed registries have adopted policies not to let any pigs found to be a stress carrier have a pedigree?

Answer: Yorkshire, Landrace, Duroc, and Hampshire

Resource: The Frequency of the Porcine Stress Gene in Texas Show Pigs, ASWeb-095 Page: 3

GENETICS & SELECTION

Question # 12
Multiple Choice

Question: The correct design for breeding hogs' in their hock joints, shoulder blades, and pasterns is: a) straight or b) angular

Answer: a) Angular. Forelimb: Angulation to provide maximum cushion to stride, prefer sloping forearm, cannon bone, and pastern (sickle shape). Hind Limb: Prefer angulation to joins of stifle and hock, cushion to pastern.

Resource: Texas Cooperative Extension Breeding Swine Selection, ASWeb-117 6-00 Page: 1

HEALTH

Question # 13
Short Answer

Question: At what age should you begin to vaccinate gilts or boars for erysipelas?

Answer: 6 1/2 months or older

Resource: Vaccinations for Farrowing Operations, L2192 Page: 1

CARCASS QUALITY

Question # 14
Short Answer

Question: What is the minimum percent protein recommended for use when feeding Paylean?

Answer: 16%. A diet of at least 16% CP is recommended.

Resource: The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093 Page: 1
**CARCASS QUALITY**

*Question # 15  **Bonus Question Attached***

**Short Answer**

*Question: What is marbling?*

*Answer: The flecks of white fat that are present within a muscle. (Intramuscular fat)*

*Resource: Carcass Quality - Why is it important?, ASWeb-070  Page: 2*

---

**HEALTH**

*Question # 16*

**Short Answer**

*Question: What does Erysipelas cause in swine?*

*Answer: Arthritis and death loss*

*Resource: Vaccinations for Farrowing Operations, L2192  Page: 1*

---

**HEALTH**

*Question # 17*

**Short Answer**

*Question: Name three causes of atrophic rhinitis.*

*Answer: Bacteria, viruses, chemicals, dust, pollen, temperature fluctuations, and other environmental irritants*

*Resource: Atrophic Rhinitis, L-2193  Page: 1*
**GENERAL MANAGEMENT**

*Question # 18*

Short Answer

*Question:* What is the average weight of most baby pigs when they are first born?

*Answer:* 3.5 to 4.5 pounds

*Resource:* Baby Pig Basics, ASWeb-069 Page: 2

---

**CARCASS QUALITY**

*Question # 19*

Fill in the Blank

*Question:* If the show pig industry wants to improve its image and the quality of the product it is producing for the dinner plate, total ________ of the stress gene is necessary.

*Answer:* elimination

*Resource:* The Frequency of the Porcine Stress Gene in Texas Show Pigs, ASWeb-095 Page: 4

---

**GENERAL MANAGEMENT**

*Question # 20*

Fill in the Blank:

*Question:* Baby piglets are born virtually ______ immunologically.

*Answer:* Naked

*Resource:* Baby Pig Basics, ASWeb-069 Page: 1

---

**FEEDS/FEEDING**

*Question # 21*

Short Answer

*Question:* When will the largest response be seen when feeding Paylean?

*Answer:* During the first four weeks of feeding. (during the repartitioning phase)

*Resource:* The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093 Page: 1
**YOUTH PROJECTS**

*Question # 22  ** Bonus Question Attached ***

Short Answer

*Question:* What gauge and length of needle is recommended to be used on breeding stock for an intramuscular injection?

*Answer:* 14 or 16 gauge and 1 to 1-1/2 inch in length

*Resource:* Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 1

---

**CARCASS QUALITY**

*Question #  BONUS QUESTION*

Short Answer

*Question:* What is a withdrawal time?

*Answer:* The amount of time that has been established by research for the drug to clear the animal's body, making the meat safe for human consumption.

*Resource:* Carcass Quality - Why is it important?, ASWeb-070  Page: 4

---

**HEALTH**

*Question # 23*

Short Answer

*Question:* The pneumonia bacterial agent present in virtually all herds is what?

*Answer:* Mycoplasma hypneumoniae

*Resource:* Swine Pneumonia, L-5203  Page: 1

---

**CARCASS QUALITY**

*Question # 24*

Short Answer

*Question:* When ear notching, the pig's left ear denotes what?

*Answer:* Identifies the pig number

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  Page: 29
**YOUTH PROJECTS**

*Question # 25*

*Short Answer*

*Question:* What does the term "hand feeding" mean?

*Answer:* Feeding a known amount of feed to each pig individually.


---

**YOUTH LIVESTOCK JUDGING**

*Question # 26*

*Short Answer*

*Question:* List four areas to evaluate for fat deposition when judging market swine.

*Answer:* The jowl, over the blades, behind the shoulder, along the loin edge, through the lower 1/3 of the body cavity, the flank, and the seam of the ham.

*Resource:* Evaluating Market Swine, ASWeb-039  Page: 3

---

**GENERAL MANAGEMENT**

*Question # 27*

*Short Answer*

*Question:* What is the percentage of post-farrowing deaths that occur within the first four days of life?

*Answer:* 65%

*Resource:* Baby Pig Basics, ASWeb-069  Page: 1

---

**HEALTH**

*Question # 28*

*Short Answer*

*Question:* Do pigs with Atrophic Rhinitis usually develop pneumonia?

*Answer:* No

*Resource:* Atrophic Rhinitis, L-2193  Page: 2
GENERAL MANAGEMENT

Question # 29

Short Answer

Question: Name two different types of flooring that can be used for hog facilities.

Answer: Dirt, sand, wood, or concrete


GENERAL MANAGEMENT

Question # 30

True/False

Question: You should clean and disinfect your pen and all equipment before you bring your pig home.

Answer: True. Clean/disinfect all feeders, show supplies, buckets, scales, housing, including walls, ceiling, floors, cracks, and crevices.

Resource: Texas Ag Extension Service, Starting Them Off Right!!, Sterle, ASWeb-075 Page: 1
CARCASS QUALITY

Question # 1  Team A  Contestant 1
Short Answer

Question: What does the color of the lean do as an animal ages?
Answer: It darkens

Resource: Selecting the Perfect Chop (or Steak), ASWeb-092  Page: 1

CARCASS QUALITY

Question # 2  Team B  Contestant 1
Fill in the Blank

Question: As an animal ages, the meat __________.
Answer: Toughens

Resource: Selecting the Perfect Chop (or Steak), ASWeb-092  Page: 1

YOUTH PROJECTS

Question # 3  Team A  Contestant 2
Short Answer

Question: What is the recommended gauge of needle to use on a baby pig for an intramuscular injection?
Answer: 18 or 20 gauge

Resource: Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 1
HEALTH

*Question # 4*  Team B Contestant 2

**Short Answer**

*Question:* If pigs are bought from separate farms it is recommended to keep these pigs isolated from one another for how many days?

*Answer:* 60 days

*Resource:* Diarrheal Disease in Show Swine, E-439  
Page: 3

CARCASS QUALITY

*Question # 5*  Team B Contestant 2

**Short Answer**

*Question:* What are the two types of Animal Health Products?

*Answer:* Over The Counter Drugs (OTC) and Prescription Drugs (Rx)

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  
Page: 36

CARCASS QUALITY

*Question # 6*  Team A Contestant 3

**Short Answer**

*Question:* What is the approximate dressing percentage of a hog?

*Answer:* 72%

*Resource:* From Pen to Plate: Carcass Composition of Market Hogs, ASWeb-087  
Page: 1

GENERAL MANAGEMENT

*Question # 7*  Team A Contestant 4

**Short Answer**

*Question:* While the baby pigs like their environment warm, the sows do not. What temperature is ideal for the sow?

*Answer:* 65 degrees F

*Resource:* Baby Pig Basics, ASWeb-069  
Page: 1
REPRODUCTION

Question # 8  Team B  Contestant 4

Short Answer

Question: What is the visible portion of the female reproductive tract?

Answer: Vulva

Resource:  Artificial Insemination of Swine, L-5321  Page: 2

* * * * * * * * * * Toss-Up Questions * * * * * * * * * *

GENERAL MANAGEMENT

Question # 9

Short Answer

Question: Why is it important to process the litter, including castration, shortly after birth?

Answer: The sooner these processes are completed, the easier it is on the overall stress and health of the piglet.

Resource:  Baby Pig Basics, ASWeb-069  Page: 2

YOUTH

Question # 10

Short Answer

Question: How are drug residues usually tested in animals?

Answer: Urine test or blood test. Usually with urine tests or blood tests.

Resource:  Quality Counts (pdf), CHE-1  Page: 65
HEALTH

Question # 11
Short Answer

Question: Typical symptoms of pneumonia are?

Answer: Coughing and thumping

Resource: Swine Pneumonia, L-5203 Page: 1

CARCASS QUALITY

Question # 12
Short Answer

Question: Define "Labeled Use"

Answer: Using the drug EXACTLY as it is specified on this label.

Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 37

HEALTH

Question # 13
Short Answer

Question: Operations that produce show pigs or breeding stock fall into which two of the types of swine operations?

Answer: Either farrow-to-feeder-pig or farrow-to-finish

Resource: Porcine Reproductive and Respiratory Syndrome, L-5137 Page: 2

GENETICS & SELECTION

Question # 14 ** Bonus Question Attached **
Short Answer

Question: On average what is the decrease in weaning weight on litters from a positive stressed sow as compared to a negative sow.

Answer: 10% lighter

Resource: Elimination of the Porcine Stress Gene: What the Show Pig Industry Needs to Know, ASWeb-071 Page: 2
HEALTH
Question # BONUS QUESTION
Short Answer

*Question:* When a producer is using a drug extra label in the context of Vet-Client-Patient relationship, the producer using the prescription must agree to what?

*Answer:* Use the drug properly, identify treated swine, and adhere to recommended withdrawal times.

*Resource:* Swine Pneumonia, L-5203 Page: 4

GENERAL MANAGEMENT

Question # 15
Short Answer

*Question:* Stress from hauling, new penmates and new surroundings can result in what negative impact on your pig?

*Answer:* Compromised immune system, decreased feed intake, decreased weight gain

*Resource:* Texas Ag Extension Service, Starting Them Off Right!! Sterle, ASWeb-075 Page: 2

YOUTH

Question # 16
Multiple Choice

*Question:* The primary goal of Quality Counts primary is: a) to help us place higher at shows, or b) help us supply animals safer for food

*Answer:* b) help us supply animals safer for food. The main objective of raising livestock is to produce high-quality food for human consumption.

*Resource:* Quality Counts (pdf), CHE-1 Page: 103

YOUTH LIVESTOCK JUDGING

Question # 17
Short Answer

*Question:* What shape is muscle?

*Answer:* It is bulging and roundish in shape

*Resource:* Evaluating Market Swine, ASWeb-039 Page: 1
HEALTH

Question # 18
Short Answer

Question: How long is it recommended to isolate any new breeding stock before allowing them into a PRRS-infected herd?

Answer: 60 days

Resource: Porcine Reproductive and Respiratory Syndrome, L-5137 Page: 3

CARCASS QUALITY

Question # 19
Yes/No

Question: Is "Extra Label" usage legal?

Answer: Yes

Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 37

CARCASS QUALITY

Question # 20
Short Answer

Question: What are 3 possible causes of violative drug residue?

Answer: Feed additives not withdrawn at specified times; Medicated feed residues left in feeders; Improper injection techniques

Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 6

YOUTH PROJECTS

Question # 21 ** Bonus Question Attached **

Short Answer

Question: What gauge needle should be used on a nursery pig for a subcutaneous injection?

Answer: 16 or 18

Resource: Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090 Page: 1
**CARCASS QUALITY**

*Question #  BONUS QUESTION*

Short Answer

*Question:* What are the 4 major pork plants that already have "mandatory" PQA requirements for their pork?

*Answer:* Farmland, Hatfield, Hormel, and Swift

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074 Page: 5

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**CARCASS QUALITY**

*Question #  22*

Short Answer

*Question:* When looking at the live hog, we refer to the "top". What muscle is this on the pork carcass?

*Answer:* Loin

*Resource:* Carcass Quality - Why is it important?, ASWeb-070 Page: 2

---

**HEALTH**

*Question #  23*

Short Answer

*Question:* What does Parvovirus cause in swine?

*Answer:* Embryonic death, mummified pigs and temporary infertility.

*Resource:* Vaccinations for Farrowing Operations, L2192 Page: 2

---

**CARCASS QUALITY**

*Question #  24*

True/False

*Question:* "Off Label" usage is illegal.

*Answer:* True

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074 Page: 37
GENERAL

Question # 25
Short Answer

Question: Where should Estrous detection be performed?

Answer: In a neutral pen

Resource: Keeping Show Gilts as Replacements, ASWeb 088 Page: 1

HEALTH

Question # 26
Fill in the Blank

Question: Pneumonia is an important disease of the _____________.

Answer: Lower respiratory tract.

Resource: Swine Pneumonia, L5203 Page: 1

HEALTH

Question # 27
Short Answer

Question: How many doses of parvovirus vaccine should you give to boars and gilts before the first breeding?

Answer: Two doses, three to four weeks apart.

Resource: Vaccinations for Farrowing Operations, L2192 Page: 2

HEALTH

Question # 28
True/False

Question: Overfeeding protein can, in itself, cause loose stools or diarrhea.

Answer: True

Resource: Diarrheal Disease in Show Swine, E439 Page: 1
HEALTH

*Question # 29*

**True/False**

*Question:* All lameness can be prevented.

*Answer:* False

*Resource:* Preventing Lameness in Show Pigs, ASWeb-086  Page: 1

---

YOUTH

*Question # 30*

**Multiple Choice**

*Question:* Which of these is NOT found on a medicine label? a) Route of administration, b) Dosage, c) Size of needle to use, c) Withdrawal time

*Answer:* c) Size of needle to use. The medicine label contains: route of administration, dosage, withdrawal times

*Resource:* Quality Counts (pdf), CHE-1  Page: 55
## HEALTH

**Question # 1**  
Team A Contestant 1

**Short Answer**

**Question:** Name the three basic types of swine operations.

**Answer:** 1. Farrow to feeder-pig, 2. Farrow to finish, 3. Feeder-pig finisher

**Resource:** Plan for Herd Health When Starting a Swine Operation, L-2369  
Page: 3

## CARCASS QUALITY

**Question # 2**  
Team B Contestant 1

**Short Answer**

**Question:** Define Chemical hazards.

**Answer:** Residues left from antibiotics and medicated feeds.

**Resource:** Youth Program Pork Quality Assurance, ASWeb-074  
Page: 14

## YOUTH PROJECTS

**Question # 3**  
Team A Contestant 2

**Short Answer**

**Question:** Where should you give an intramuscular injection to a pig?

**Answer:** In the neck just behind and below the ear.

**Resource:** Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  
Page: 1
GENERAL MANAGEMENT

Question # 4  Team B  Contestant 3

Short Answer

Question: How many days is recommended to isolate incoming breeding swine before introducing them to the herd?

Answer: 60 days

Resource: Isolation Procedures for Farrowing Operations, L-2263  Page: 1

CARCASS QUALITY

Question # 5  Team A  Contestant 3

Short Answer

Question: What does PSE stand for?

Answer: Pale, soft, and exudative

Resource: The Frequency of the Porcine Stress Gene in Texas Show Pigs, ASWeb-095  Page: 1

CARCASS QUALITY

Question # 6  Team B  Contestant 3

Short Answer

Question: What is the active ingredient of Paylean?

Answer: Ractopamine. Elanco has come out with a ractopamine product called Paylean™.

Resource: The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093  Page: 1

YOUTH PROJECTS

Question # 7  Team A  Contestant 4

Short Answer

Question: When showing your pig, about how far do you want to keep your pig from the judge's viewing area?

Answer: About 10-15 feet

CARCASS QUALITY

*Question* # 8  Team B Contestant 4

Short Answer

*Question:* Does "holding" animals by restricting feed or water intake have a negative or positive effect on pork quality?

*Answer:* Negative. Lack of water can cause the muscle to lose shape and expression.

*Resource:* Carcass Quality - Why is it important?, ASWeb-070  Page: 4

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Toss-Up Questions

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YOUTH PROJECTS

*Question* # 9

True/False

*Question:* If you have recently given shots to a pig on both sides of his neck it is ok to give a shot in the loin.

*Answer:* False

*Resource:* Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 1

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REPRODUCTION

*Question* # 10

Short Answer

*Question:* Where is the site of fertilization in the swine female's reproductive tract?

*Answer:* Oviduct

*Resource:* Artificial Insemination of Swine, L-5321  Page: 2
**GENERAL MANAGEMENT**

*Question # 11*

*Short Answer*

*Question:* What is the current slaughter capacity in the U.S.?

*Answer:* About 444,925 head per day

*Resource:* Quick Facts, pork.org  Page: 12

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**CARCASS QUALITY**

*Question # 12*

*Short Answer*

*Question:* Define Microbial contamination.

*Answer:* The presence of pathogens such as E. coli or salmonella

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  Page: 14

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**GENETICS & SELECTION**

*Question # 13  **Bonus Question Attached***

*Short Answer*

*Question:* What type of flooring is the hardest on pigs joints?

*Answer:* Cement

*Resource:* From the Ground Up: The Importance of Structural Soundness, ASWeb-096  Page: 1

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**HEALTH**

*Question #  BONUS QUESTION*

*Short Answer*

*Question:* How many different variations of PRRS exist?

*Answer:* At least 20

*Resource:* Porcine Reproductive and Respiratory Syndrome, L-5137  Page: 1
### HEALTH

**Question # 14**

Short Answer

**Question:** If you purchase swine from a single source and those animals are healthy is there any need to take disease precautions before introducing those replacements into your herd? Why?

**Answer:** Yes, because they may have been exposed to disease during shipment.

*Resource:* Plan for Herd Health When Starting a Swine Operation, L-2369  Page: 1

### CARCASS QUALITY

**Question # 15**

Short Answer

**Question:** What does FSIS stand for?

**Answer:** Food Safety and Inspection Service

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  Page: 20

### HEALTH

**Question # 16**

Short Answer

**Question:** How is the PRRS virus spread?

**Answer:** By pig to pig contact

*Resource:* Porcine Reproductive and Respiratory Syndrome, L-5137  Page: 2

### GENERAL MANAGEMENT

**Question # 17**

Short Answer

**Question:** Name one way to cool the sow off in the farrowing crate.

**Answer:** Dripping water between the sows shoulder blades at a slow rate.

*Resource:* Baby Pig Basics, ASWeb-069  Page: 1
HEALTH

Question # 18
True/False

Question: Infected swine urine with Leptosprira is a major source of infection for normal pigs.

Answer: True

Resource: Vaccinations for Farrowing Operations, L2192 Page: 2

GENERAL MANAGEMENT

Question # 19
Short Answer

Question: What producer program promotes animal well being and food safety?

Answer: PQA (Pork Quality Assurance)

Resource: Quick Facts, pork.org Page: 10

YOUTH

Question # 20
Short Answer

Question: Following drug labels, winning and losing with grace, and following show rules is which pillar of character?

Answer: Fairness. Uses only approved drugs, accepts winning or losing with grace, follows rules in the show ring.

Resource: Quality Counts (pdf), CHE-1 Page: 99

YOUTH PROJECTS

Question # 21
True/False

Question: Serious consequences, such as prison time, could result from misuse of medications.

Answer: True

Resource: Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090 Page: 2
**HEALTH**

**Question # 22**  **Bonus Question Attached**

Short Answer

**Question:** After purchasing your show pigs and bringing them home, when should you vaccinate and deworm them?

**Answer:** Within one week of arrival and repeated one month later.

**Resource:** Texas 4-H Swine Project Guide, AS16-2  Page: 9

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**HEALTH**

**(BONUS QUESTION)**

Short Answer

**Question:** When should vaccination in pregnant sows for E. coli should be done?

**Answer:** Vaccination time should be done 4 to 7 weeks before farrowing and follow up with a booster 2 to 3 weeks before farrowing.

**Resource:** Vaccinations for Farrowing Operations, L2192  Page: 3

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**CARCASS QUALITY**

**Question # 23**

Short Answer

**Question:** Is the muscle from the shoulder or the loin more tender?

**Answer:** Loin

**Resource:** Selecting the Perfect Chop (or Steak), ASWeb-092  Page: 1

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**YOUTH PROJECTS**

**Question # 24**

Short Answer

**Question:** What is the method of administering drugs to an animal through the nose known as?

**Answer:** Intranasal

**Resource:** Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety, ASWeb-090  Page: 2
CARCASS QUALITY

Question # 25

True/False

Question: It is not the producer's responsibility to do everything they can to provide a safe, wholesome product for the consumer. It is the consumer's problem.

Answer: False - It is the producers responsibility.

Resource: Preventing Drug Residues in Livestock, ASWeb-085 Page: 1

GENETICS & SELECTION

Question # 26

Fill in the Blank

Question: A desirable breeding animal's neck, rump, and body should be ________.

Answer: Long. Long necked, long bodied, long rumped.

Resource: Texas Cooperative Extension, Breeding Swine Selection, ASWeb-117 6-00 Page: 1

GENETICS & SELECTION

Question # 27

Short Answer

Question: What does EPD stand for?

Answer: Expected Progeny Differences

Resource: Understanding the Genetic and Environmental Interactions, ASWeb-094 Page: 1

CARCASS QUALITY

Question # 28

True/False

Question: The longer I feed Paylean, the more it will help develop muscle.

Answer: False. The largest response will be seen in the first four weeks of feeding, during the repartitioning phase. Therefore, you do not need to feed it long to get a response.

Resource: The Facts about Paylean™: Ractopamine for Swine, Sterle, ASWeb-093 Page: 1
CARCASS QUALITY

Question # 29

Short Answer

Question: List 3 reasons producers use animal health products on a farm.

Answer: Provide for the welfare of the animal; Treat disease or parasites; Prevent disease or parasites; Improve rate of gain; Improve feed efficiency; Minimize production costs

Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 17

REPRODUCTION

Question # 30

True/False

Question: When inserting the spirette into the cervix for artificial insemination you should use a clockwise rotation.

Answer: False - Counterclockwise

Resource: Artificial Insemination of Swine, L-5321 Page: 3
Health

Question # 1  Team A Contestant 1

Short Answer

Question: Name one parasite that may cause pneumonia.

Answer: roundworms or lungworms

Resource: Swine Pneumonia - L-5203  Page: 3

Health

Question # 2  Team B Contestant 1

Short Answer

Question: Young pigs that survive PRRS infection are very contagious to other pigs for how long?

Answer: 4 to 5 weeks

Resource: Porcine Reproductive and Respiratory Syndrome - L-5137  Page: 2

General Management

Question # 3  Team A Contestant 2

Short Answer

Question: If a sow has been kept outside, it is a good idea to treat them for external parasites about how many weeks prior to farrowing?

Answer: About two weeks prior to farrowing

Resource: Baby Pig Basics - ASWeb-069  Page: 2
YOUTH PROJECTS

Question # 4   Team B Contestant 2
Short Answer

Question: What is the best known way to prevent or avoid lameness in show pigs?
Answer: Make sure you buy a structurally sound pig when you purchase your show project.

Resource: Preventing Lameness in Show Pigs - ASWeb-086  Page: 1

GENERAL MANAGEMENT

Question # 5   Team A Contestant 3
True/False

Question: When buying replacement animals it is a good idea to buy from one or as few "clean" sources as possible.
Answer: True


HEALTH

Question # 6   Team B Contestant 3
Short Answer

Question: Name a type of bedding that could be used to keep the pigs warm and should keep them cleaner.
Answer: Straw, sand, or shavings


HEALTH

Question # 7   Team A Contestant 4
Short Answer

Question: An extra-label drug is what?
Answer: A drug approved for use in another animal species but not in swine.

Resource: Swine Pneumonia - L-5203  Page: 4
**GENERAL MANAGEMENT**

*Question # 8*  
Team B Contestant 4

Short Answer

**Question:** What is the recommended age limit in days to foster a piglet to another sow?

**Answer:** Up to three days

*Resource:* Baby Pig Basics - ASWeb-069  
Page: 2

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**Toss-Up Questions**

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**GENERAL MANAGEMENT**

*Question # 9*

True/False

**Question:** Vaccinating your pig with a booster shot can help reduce the risk of disease.

**Answer:** True. Extension vet recommends vaccinating all pigs ...

*Resource:* Texas Ag Extension Service-Starting Them Off Right!! Sterle ASWeb-075  
Page: 2

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**GENETICS & SELECTION**

*Question # 10*

True/False

**Question:** Toe size is NOT important in breeding swine selection.

**Answer:** FALSE. Toe Size: Prefer even toe size, large toe size, even weight distribution.  
• Uneven toe size, generally smaller inside toe, because this results in abnormal wear on outside toe, exposing pad and causing lameness.

*Resource:* Texas Cooperative Extension Breeding Swine Selection ASWeb-117 6-00  
Page: 1
HEALTH
Question # 11
Short Answer
Question: How long can whipworm eggs remain viable in contaminated premises?
Answer: As long as 6 years
Resource: Diarrheal Disease in Show Swine - E-439  Page: 1

GENETICS & SELECTION
Question # 12
Short Answer
Question: Why is structural correctness important in breeding swine selection?
Answer: because of confinement production systems
Resource: Texas Cooperative Extension Breeding Swine Selection  ASWeb-117 6-00  Page: 1

HEALTH
Question # 13
Short Answer
Question: How long are finisher hogs and breeding stock highly contagious to other pigs after surviving PRRS?
Answer: 2-3 weeks
Resource: Porcine Reproductive and Respiratory Syndrome - L-5137  Page: 1

GENERAL MANAGEMENT
Question # 14
Short Answer
Question: What country produces and consumes the most pork?
Answer: CHINA
Resource: Quick Facts - pork.org  Page: 15
YOUTH PROJECTS

Question # 15  ** Bonus Question Attached **

Short Answer

Question: What is an intramuscular injection?
Answer: An injection in the muscle, given in the neck.


CARCASS QUALITY

Question #  BONUS QUESTION

Short Answer

Question: Name the three government agencies that regulate meat production.
Answer: FDA; EPA; FSIS

Resource: Youth Program Pork Quality Assurance ASWeb-074  Page: 20

CARCASS QUALITY

Question # 16

Short Answer

Question: To maximize juiciness when cooking pork, would you prefer more or less marbling?
Answer: More marbling. The more marbling a muscle has, the more flavorful and juicy it is when cooked.

Resource: Carcass Quality - Why is it important? ASWeb-070  Page: 2

CARCASS QUALITY

Question # 17

Short Answer

Question: Which of these is closest to today's average backfat on hogs? 2.8 inches  1.5 inches  .75 inches
Answer: .75 INCHES. Hogs in the 1950's averaged about 2.8 inches when fat was in demand for munitions.

Resource: Quick Facts - pork.org  Page: 49
HEALTH

Question # 18
Short Answer

Question: What is the recommended time period to take show pigs off all medication (even 0 day withdrawal period) how many hours before the show?

Answer: At least 24 hours

Resource: Diarrheal Disease in Show Swine - E-439 Page: 4

HEALTH

Question # 19
Short Answer

Question: The most common viral cause of pneumonia is ?

Answer: PRRS

Resource: Swine Pneumonia - L-5203 Page: 2

HEALTH

Question # 20
Short Answer

Question: Is it possible to get PRRS-virus-negative pigs from PRRS-virus-positive sows? How?

Answer: Yes, by waiting until the outbreak is over, then early-weaning and rearing the pigs off-site.

Resource: Porcine Reproductive and Respiratory Syndrome - L-5137 Page: 3

GENERAL

Question # 21
True/False

Question: Breeding shows are terminal shows.

Answer: False

Resource: Plan for Herd Health When Starting a Swine Operation - L-2369 Page: 2
HEALTH

Question # 22

Short Answer

Question: A common symptom of Swine Influenza Virus is

Answer: explosive coughing outbreaks

Resource: Swine Pneumonia - L-5203 Page: 2

GENETICS & SELECTION

Question # 23    ** Bonus Question Attached **

Short Answer

Question: What is the minimum number of teats preferred PER SIDE for breeding gilts?

Answer: 6. 6 PER SIDE. At least 12 evenly spaced teats

Resource: Texas Cooperative Extension Breeding Swine Selection ASWeb-117 6-00 Page: 2

CARCASS QUALITY

Question # BONUS QUESTION

Short Answer

Question: What are the 3 types of drug use?

Answer: Labeled Use; Off Label; Extra Label

Resource: Youth Program Pork Quality Assurance ASWeb-074 Page: 37

HEALTH

Question # 24

Short Answer

Question: If you use a killed vaccine or bacterin to vaccinate for Erysipelas in swine when should you give a booster injection?

Answer: 3 to 4 weeks later

Resource: Vaccinations for Farrowing Operations - L2192 Page: 1
HEALTH

Question #  25
Short Answer

Question: Can Atrophic Rhinitis be eliminated or prevented entirely in a commercial herd and why?

Answer: No, because it is neither cost-effective nor realistic.

Resource: Atrophic Rhinitis - L-2193   Page: 3

CARCASS QUALITY

Question #  26
Short Answer

Question: Define "Off Label"

Answer: The PRODUCER uses drugs on their own in a manner other than what is stated on the label without veterinarian guidance.

Resource: Youth Program Pork Quality Assurance   ASWeb-074   Page: 37

GENETICS & SELECTION

Question #  27
Short Answer

Question: What is the major goal of raising show pigs?

Answer: Achieving maximum lean growth with minimal fat deposition.

Resource: Understanding the Genetic and Environmental Interactions   ASWeb-094   Page: 1

HEALTH

Question #  28
Short Answer

Question: One vaccination program will not fit all farrowing operations. So who should a breeder use to recommend a vaccination program for their operation?

Answer: Veterinarian

Resource: Vaccinations for Farrowing Operations - L2192   Page: 3
GENERAL MANAGEMENT

Question # 29

True/False

Question: Sows that are too hot tend to produce more milk.

Answer: False- Sows that are too hot tend to produce less milk

Resource: Baby Pig Basics - ASWeb-069  Page: 1

YOUTH

Question # 30

Fill in the Blank

Question: Intramuscular injections should be given in the _____________.

Answer: NECK MUSCLE. Intramuscular (in the muscle) injections should be given in the neck muscle.

Resource: Quality Counts (pdf) - CHE-1  Page: 55
**HEALTH**

*Question # 1  Team A  Contestant 1*

**Short Answer**

*Question:* What is the only way that feeder pigs will have been tested for any disease before purchased?

*Answer:* If the originated from out-of-state.

*Resource:* Porcine Reproductive and Respiratory Syndrome - L-5137  Page: 2

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**GENETICS & SELECTION**

*Question # 2  Team B  Contestant 1*

**Short Answer**

*Question:* The vulva is related to reproduction or muscling?

*Answer:* Reproduction. Reproductive traits: Vulvas: normal size. Not "upturned" or infantile. could signify small, underdeveloped reproductive tract or infertility.

*Resource:* Texas Cooperative Extension Breeding Swine Selection  ASWeb-117 6-00  Page: 2

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**CARCASS QUALITY**

*Question # 3  Team A  Contestant 2*

**Short Answer**

*Question:* Where should an intramuscular injection be given?

*Answer:* In the muscle in the neck (just behind and below the ear). Never the loin or ham.

*Resource:* Carcass Quality - Why is it important?  ASWeb-070  Page: 10
HEALTH

**Question # 4**  Team B  Contestant 2

**Short Answer**

**Question:** What is the most essential of all nutrients in a pig's diet?

**Answer:** Water

**Resource:** Texas 4-H Swine Project Guide  AS16-2  Page: 7

CARCASS QUALITY

**Question # 5**  Team A  Contestant 3

**Short Answer**

**Question:** What is marbling?

**Answer:** Intramuscular fat- the flecks within a muscle.

**Resource:** Selecting the Perfect Chop (or Steak) - ASWeb-092  Page: 1

YOUTH PROJECTS

**Question # 6**  Team B  Contestant 3

**Short Answer**

**Question:** Where do you give a subcutaneous injection to market swine?

**Answer:** Under the skin in the elbow or the flank.

**Resource:** Providing a Safe, Wholesome Product: Administration of Medications to Ensure Pork Quality/Safety - ASWeb-090  Page: 1

HEALTH

**Question # 7**  Team A  Contestant 4

**Short Answer**

**Question:** The major source of the PRRS virus transmission to non-infected pigs is

**Answer:** The live pig that is infected

**Resource:** Porcine Reproductive and Respiratory Syndrome - L-5137  Page: 2
GENERAL

Question # 8  Team B Contestant 4

Short Answer

Question: When are gilts and sows usually bred?

Answer: When they are in standing heat

Resource: Keeping Show Gilts as Replacements - ASWeb 088  Page: 1

* * * * * * * * * * Toss-Up Questions * * * * * * * * * *

GENETICS & SELECTION

Question # 9

Short Answer

Question: What is the minimum number of teats preferred PER SIDE for breeding gilts?

Answer: Six. Six per side. At least 12 evenly spaced teats

Resource: Texas Cooperative Extension Breeding Swine Selection ASWeb-117 6-00  Page: 2

HEALTH

Question # 10

Short Answer

Question: If you use a killed vaccine or bacterin to vaccinate for Erysipelas in swine when should you give a booster injection?

Answer: 3 to 4 weeks later

Resource: Vaccinations for Farrowing Operations - L2192  Page: 1
### HEALTH

**Question # 11**

**Short Answer**

**Question:** Can Atrophic Rhinitis be eliminated or prevented entirely in a commercial herd and why?

**Answer:** No, because it is neither cost-effective nor realistic.

*Resource: Atrophic Rhinitis - L-2193  Page: 3*

### CARCASS QUALITY

**Question # 12**

**Short Answer**

**Question:** Define "Off Label"

**Answer:** The PRODUCER uses drugs on their own in a manner other than what is stated on the label without veterinarian guidance.

*Resource: Youth Program Pork Quality Assurance ASWeb-074  Page: 37*

### GENETICS & SELECTION

**Question # 13**

**Short Answer**

**Question:** What is the major goal of raising show pigs?

**Answer:** Achieving maximum lean growth with minimal fat deposition.

*Resource: Understanding the Genetic and Environmental Interactions ASWeb-094  Page: 1*

### HEALTH

**Question # 14**

**Short Answer**

**Question:** One vaccination program will not fit all farrowing operations. So who should a breeder use to recommend a vaccination program for their operation?

**Answer:** Veterinarian

*Resource: Vaccinations for Farrowing Operations - L2192  Page: 3*
GENERAL MANAGEMENT

Question # 15
True/False

Question: Sows that are too hot tend to produce more milk.
Answer: False - Sows that are too hot tend to produce less milk

Resource: Baby Pig Basics - ASWeb-069 Page: 1

YOUTH

Question # 16 ** Bonus Question Attached **

Fill in the Blank

Question: Intramuscular injections should be given in the ________________.
Answer: Neck muscle. Intramuscular (in the muscle) injections should be given in the neck muscle.

Resource: Quality Counts (pdf) - CHE-1 Page: 55

FEEDS/FEEDING

Question # BONUS QUESTION

Short Answer

Question: What level of Paylean is approved is swine and what is the weight range of those swine?
Answer: 18 grams per ton for pigs from 150 to 240 pounds.


GENERAL MANAGEMENT

Question # 17

Short Answer

Question: How often is recommended to weigh your show pig?
Answer: Once a week, at the same time of day on the same day of the week

**CARCASS QUALITY**

**Question # 18**

True/False

*Question:* It is legal for me to feed Paylean to my show lamb.

*Answer:* False. It is only labeled for swine at this time, not steers or lambs.

*Resource:* The Facts about Paylean™: Ractopamine for Swine, Sterle. ASWeb-093 Page: 1

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**CARCASS QUALITY**

**Question # 19**

Short Answer

*Question:* Define Physical hazards.

*Answer:* Broken needles, metal, or other foreign objects in the meat.

*Resource:* Youth Program Pork Quality Assurance ASWeb-074 Page: 14

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**GENERAL**

**Question # 20**

Short Answer

*Question:* What are some signs of estrus?

*Answer:* Swollen, red vulva; mucus from the vulva; standing to be mounted; "popping" ears; increased vocalization; increased activity and mounting other females

*Resource:* Keeping Show Gilts as Replacements - ASWeb 088 Page: 1

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**YOUTH PROJECTS**

**Question # 21**

Short Answer

*Question:* At what age are most market swine exhibited?

*Answer:* 6 months of age

*Resource:* Texas 4-H Swine Project Guide AS16-2 Page: 4
HEALTH

Question # 22

Short Answer

Question: What is the most common infection of joints?

Answer: Mycoplasma

Resource: Preventing Lameness in Show Pigs - ASWeb-086  Page: 1

GENETICS & SELECTION

Question # 23

Short Answer

Question: Describe how an animal that is straight off both the front and rear legs will walk.

Answer: The animal will take small, exaggerated steps and often walk up on its toes.

Resource: From the Ground Up: The Importance of Structural Soundness - ASWeb-096  Page: 1

GENERAL MANAGEMENT

Question # 24  ** Bonus Question Attached **

Short Answer

Question: Why is it important to inject baby pigs with an iron supplement?

Answer: Baby pigs are born with a limited supply of iron in their livers and they must be supplemented to prevent anemia.

Resource: Baby Pig Basics - ASWeb-069  Page: 3

GENERAL MANAGEMENT

Question #  BONUS QUESTION

Short Answer

Question: What bacteria is most commonly the cause of joint infections?

Answer: MYCOPLASMA. The most common infection of joints is mycoplasma.

Resource: Preventing Lameness in Show Pigs - ASWeb-086  Page: 1
CARCASS QUALITY

Question # 25
Short Answer

Question: What part of the pork carcass produces the bacon?
Answer: Belly

Resource: From Pen to Plate: Carcass Composition of Market Hogs ASWeb-087 Page: 1

HEALTH

Question # 26
True/False

Question: Parvovirus disease mainly occurs in non-pregnant gilts and boar hogs?
Answer: False: Parvovirus disease mainly occurs in pregnant gilts and first-litter sows infected between breeding and 65-70 days of gestation.

Resource: Vaccinations for Farrowing Operations - L2192 Page: 2

YOUTH LIVESTOCK JUDGING

Question # 27
Short Answer

Question: What are the five Basic areas that market swine are placed on?
Answer: Muscle, leanness, growth, volume and structural soundness

Resource: Evaluating Market Swine - ASWeb-039 Page: 1

GENETICS & SELECTION

Question # 28
True/False

Question: With the improvement of genetics in producing more muscling in swine we still need to use animals with the stress gene.
Answer: False- With the improvement of genetics there is no need to use animals with the stress gene.

REPRODUCTION

Question # 29

Short Answer

*Question:* How long on average must sperm be present in the female reproductive tract to undergo biological changes necessary for fertilization?

*Answer:* 2 to 3 hours

*Resource:* Artificial Insemination of Swine - L-5321 Page: 2

HEALTH

Question # 30

Short Answer

*Question:* How often should a boar receive a vaccination for Erysipelas?

*Answer:* Every six months

*Resource:* Vaccinations for Farrowing Operations - L2192 Page: 1