CARCASS QUALITY

Question # 1    Team A Contestant 1
Fill in the Blank

Question: Stress positive animals tend to be ______ at birth and do not grow any faster than "NN" normal animals.

Answer: Smaller

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

YOUTH PROJECTS

Question # 2    Team B Contestant 1
Short Answer

Question: While showing your pig, if you tap the right side of the neck and shoulders, typically the pig will go which direction?

Answer: Left


GENERAL MANAGEMENT

Question # 3    Team A Contestant 2
Short Answer

Question: What is a barrow?

Answer: A castrated male pig.

HEALTH

*Question # 4  Team B Contestant 2*

Fill in the Blank

*Question:* A veterinarian can provide an individualized herd _________ program for your operation which includes specific vaccination procedures.

*Answer:* Health

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

CARCASS QUALITY

*Question # 5  Team A Contestant 3*

Short Answer

*Question:* How many steps are in the HACCP program?

*Answer:* Seven

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  Page: 15

CARCASS QUALITY

*Question # 6  Team B Contestant 3*

Short Answer

*Question:* What does FDA stand for?

*Answer:* Food and Drug Administration

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

CARCASS QUALITY

*Question # 7  Team A Contestant 4*

Short Answer

*Question:* What is the starting point of the Food Supply Continuum?

*Answer:* Producer

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  Page: 3
YOUTH PROJECTS

Question # 8  Team B Contestant 4

Short Answer

Question: If you are hand-feeding your show pig, what is the minimum number of times you should feed it daily?

Answer: Twice a day


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

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HEALTH

Question # 9

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

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HEALTH

Question # 10

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
**YOUTH**

*Question # 11*

*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

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**GENERAL MANAGEMENT**

*Question # 12*

*Short Answer*

*Question*: What is a gilt?

*Answer*: A female pig that has not had any litters.


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**GENERAL MANAGEMENT**

*Question # 13  ** 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

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**HEALTH**

*Question #  BONUS QUESTION*

*Short Answer*

*Question*: Since one-source purchases of breeding stock may not always be possible what is the next-best disease prevention practice?

*Answer*: Purchase swine from as few sources as possible.

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

Question # 14
Short Answer

Question: The virus that causes PRRS was first isolated in which country in 1991?
Answer: The Netherlands

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

YOUTH

Question # 15
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, and follows rules in the show ring.

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

CARCASS QUALITY

Question # 16
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 # 17
Short Answer

Question: If a vaccination program is used in a swine herd is it the complete answer to keep PRRS from negatively effecting the herd?
Answer: No, because there are so many different strains of PRRS that the vaccine may not target the strain present in the herd.

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

Question # 18  ** Bonus Question Attached **

Short Answer

Question: What is the two-step process recommended by USDA for properly cooking whole pork cuts?

Answer: Cook to 145 degrees, internal temperature, followed by a 3 minute "rest"

Resource: Quick Facts, pork.org  Page: 34

CARCASS QUALITY

Question #  BONUS QUESTION

Short Answer

Question: List one reason that you should go through Pork Quality Assurance.

Answer: Improves swine care; avoids violative drug residues; decreases production costs; or increases awareness of food safety.

Resource: Youth Program Pork Quality Assurance, ASWeb-074  Page: 4

GENETICS & SELECTION

Question # 19

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

FEEDS/FEEDING

Question # 20

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.

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

Question # 21
True/False

Question: If weaning at less than or equal to 21 days, a single injection of 100mg of iron in the neck should be sufficient.

Answer: True

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

HEALTH

Question # 22
True/False

Question: All lameness can be prevented.

Answer: False

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

CARCASS QUALITY

Question # 23
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

GENERAL MANAGEMENT

Question # 24
Multiple Choice

Question: Which of these is NOT critical to a pig care program?
   A. Treat for internal/external parasites, B. Castrate males, C. Name your pig, D. Be sure he finds the water source.

Answer: C. Name your pig.

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

Question # 25
Short Answer

Question: What is the most common infection of joints?
Answer: Mycoplasma

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

HEALTH

Question # 26
Short Answer

Question: What is the best prevention measure in fighting Atrophic Rhinitis?
Answer: Proper management of the pig's environment.

Resource: Atrophic Rhinitis, L-2193   Page: 3 & 4

GENETICS & SELECTION

Question # 27
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

FEEDS/FEEDING

Question # 28
Short Answer

Question: Is there a magic pill that will make an average animal into an ideal animal?
Answer: No

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

Question # 29
Yes/No

Question: Is imported meat subject to the same rules and regulations as U.S. pork?

Answer: Yes

Resource: Youth Program Pork Quality Assurance, ASWeb-074  Page: 18

HEALTH

Question # 30
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 # 1** Team A Contestant 1

**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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**Question # 2** Team B Contestant 1

**Short Answer**

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

**Answer:** The litter number

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

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### YOUTH PROJECTS

**Question # 3** Team A Contestant 2

**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 # 4  Team B Contestant 2
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 # 5  Team A Contestant 3
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

GENETICS & SELECTION

Question # 6  Team B Contestant 3
Short Answer

Question: What does EPD stand for?
Answer: Expected Progeny Differences

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

GENERAL MANAGEMENT

Question # 7  Team A Contestant 4
Fill in the Blank:

Question: Baby pigs are born with very little body fat. So it is important that we keep the pigs ________ to prevent cold stress.
Answer: Warm

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

Question #  8   Team B Contestant 4

True/False

Question: A poor health management plan can easily be fixed using antibiotics.

Answer: False


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

HEALTH

Question #  9

Short Answer

Question: Name one parasite that may cause pneumonia.

Answer: Roundworms or lungworms

Resource: Swine Pneumonia, L-5203   Page: 3

REPRODUCTION

Question #  10

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
CARCASS QUALITY

Question # 11
Short Answer

Question: What does PQA stand for?

Answer: Pork Quality Assurance

Resource: Youth Program Pork Quality Assurance, ASWeb-074 Page: 2

HEALTH

Question # 12
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: 2

YOUTH

Question # 13 ** Bonus Question Attached **

Multiple Choice

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

Answer: b) main objective of raising livestock is to produce high-quality food for human consumption.

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

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
### CARCASS QUALITY

**Question # 14**

*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*

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### GENERAL

**Question # 15**

*True/False*

*Question:* Breeding shows are terminal shows.

*Answer:* False

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

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### CARCASS QUALITY

**Question # 16**

*Short Answer*

*Question:* What is the ending point of the Food Supply Continuum?

*Answer:* Consumer

*Resource:* Youth Program Pork Quality Assurance, ASWeb-074  
*Page: 3*

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### YOUTH PROJECTS

**Question # 17**

*True/False*

*Question:* There is no need to practice or train your pig to show. It will automatically know how to walk and turn with the show stick.

*Answer:* False.

*Resource:* Texas 4-H Swine Project Guide, AS16-2  
*Page: 10*
HEALTH

Question # 18  ** Bonus Question Attached **

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

CARCASS QUALITY

Question #  BONUS QUESTION

Short Answer

Question: Name two things you should write down each time you treat an animal.


Resource:  Youth Program Pork Quality Assurance, ASWeb-074  Page: 31

GENETICS & SELECTION

Question # 19

Short Answer

Question: Describe the ideal design of a breeding pig's top AS VIEWED FROM THE SIDE:

Answer: Level top, level hip, high tail setting

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

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 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

**HEALTH**

*Question # 22*

*Short Answer*

*Question:* What are the two keys to preventing lameness?

*Answer:* Make feet and leg soundness a priority; observe your pigs closely every day without fail

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

**HEALTH**

*Question # 23*

*True/False*

*Question:* All leptospirosis vaccines for swine are bacterins.

*Answer:* True

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

**CARCASS QUALITY**

*Question # 24*

*Short Answer*

*Question:* What is the ideal color of fresh pork?

*Answer:* Reddish pink (Some resources may say "grayish pink". The From Pen to Plate resources states grayish pink.)

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

*Question # 25*

**Short Answer**

*Question:* Typical symptoms of pneumonia are?

*Answer:* Coughing and Thumping

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

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**HEALTH**

*Question # 26*

**Short Answer**

*Question:* What company has 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

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**GENERAL MANAGEMENT**

*Question # 27*

**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

*Resource:* Isolation Procedures for Farrowing Operations, L-2263  Page: 3

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**YOUTH PROJECTS**

*Question # 28*

**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

*Resource:* Texas 4-H Swine Project Guide, AS16-2  Page: 10
GENERAL MANAGEMENT

Question # 29
True/False

Question: If any animal tests in isolation tests positive for a serious disease, generally the rest of the group should be fine to introduce to the main herd.

Answer: False - The whole group should probably be culled and sent to market


HEALTH

Question # 30
Short Answer

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

Answer: Water

CARCASS QUALITY

Question # 1 Team A Contestant 1

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

HEALTH

Question # 2 Team B Contestant 1

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

YOUTH PROJECTS

Question # 3 Team A Contestant 2

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
**HEALTH**

*Question # 4*  Team B Contestant 2

**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 # 5*  Team A Contestant 3

**Short Answer**

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

*Answer:* Dirt, sand, wood, or concrete

*Resource:* Texas 4-H Swine Project Guide, AS16-2  Page: 0

**HEALTH**

*Question # 6*  Team B Contestant 3

**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

**HEALTH**

*Question # 7*  Team A Contestant 4

**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
**HEALTH**

*Question # 8*  Team B  Contestant 4

**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


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**Toss-Up Questions**

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**GENERAL MANAGEMENT**

*Question # 9*

**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

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**GENERAL MANAGEMENT**

*Question # 10*

**Short Answer**

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

*Answer:* Colostrum

*Resource:* Baby Pig Basics, ASWeb-069  Page: 1
HEALTH
Question # 11
Short Answer
Question: An extra-label drug is what?
Answer: A drug approved for use in an other animal species but not in swine.
Resource: Swine Pneumonia, L-5203 Page: 4

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

GENETICS & SELECTION
Question # 13
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

GENETICS & SELECTION
Question # 14  ** Bonus Question Attached **
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
HEALTH

Question #  BONUS QUESTION

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 #  15

Short Answer

Question: Should feeder pigs that have been purchased from different sources be mixed together as they are fed out to market weight?

Answer: No

Resource: Plan for Herd Health When Starting a Swine Operation, L-2369 Page: 4

HEALTH

Question #  16

Short Answer

Question: A common symptom of Swine Influenza Virus is

Answer: Explosive coughing outbreaks

Resource: Swine Pneumonia, L-5203 Page: 2

HEALTH

Question #  17

Short Answer

Question: Hogs that are sick from any disease including pneumonia usually are doing what as compared to the rest of the group of hogs they are in?

Answer: Lie down instead of being up and moving alertly.

Resource: Swine Pneumonia, L-5203 Page: 3
CARCASS QUALITY

**Question # 18**  **Bonus Question Attached**

**Short Answer**

**Question:** If a pork carcass is given a muscle score of 1, is this considered thick, average, or thin?

**Answer:** Thin

**Resource:** Carcass Quality - Why is it important?, ASWeb-070  Page: 1

HEALTH

**Question #**  **BONUS QUESTION**

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

HEALTH

**Question # 19**

**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: 3

YOUTH

**Question # 20**

**True/False**

**Question:** Checking your animal every few days for sickness works fine.

**Answer:** False - You should check your animals every day for signs of injury or illness.

**Resource:** Quality Counts (pdf), CHE-1  Page: 71
YOUTH

Question # 21
Short Answer

Question: A.D.G. refers to what?
Answer: Average daily gain (ADG).

Resource: Quality Counts (pdf), CHE 1 Page: 73

YOUTH PROJECTS

Question # 22
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

YOUTH PROJECTS

Question # 23
Short Answer

Question: What does the term ”hand feeding" mean?
Answer: Feeding a known amount of feed to each pig individually.


GENETICS & SELECTION

Question # 24
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
GENETICS & SELECTION

Question # 25
True/False

Question: Knowing the genetic history of your swine will help you produce a better show animal.

Answer: True

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

YOUTH PROJECTS

Question # 26
Short Answer

Question: Is a show pig with a "roach" or arc in his top considered structurally sound?

Answer: No

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

GENERAL MANAGEMENT

Question # 27
True/False

Question: The sow’s udder provides more milk per teat at the back than at the front.

Answer: False - The sow's udder provides more milk at the front than at the back.

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

YOUTH PROJECTS

Question # 28
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
GENERAL MANAGEMENT

Question # 29
Short Answer

Question: What country produces and consumes the most pork?
Answer: China

Resource: Quick Facts, pork.org Page: 15

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
CARCASS QUALITY

Question # 1  Team A  Contestant 1
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

HEALTH

Question # 2  Team B  Contestant 1
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: 2

HEALTH

Question # 3  Team A  Contestant 2
Short Answer

Question: The most common viral cause of pneumonia is ________.
Answer: PRRS

Resource: Swine Pneumonia, L-5203  Page: 2
CARCASS QUALITY

Question # 4  Team B Contestant 2
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

GENERAL MANAGEMENT

Question # 5  Team A Contestant 3
True/False

Question: The most widely consumed meat in the world is chicken.
Answer: False. Pork is the most widely eaten meat.

Resource: Quick Facts, pork.org  Page: 15

HEALTH

Question # 6  Team B Contestant 3
True/False

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

Resource: Diarrheal Disease in Show Swine, E-439  Page: 1

CARCASS QUALITY

Question # 7  Team A Contestant 4
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
CARCASS QUALITY

**Question # 8**  Team B  Contestant 4

**Short Answer**

**Question:** How many government agencies regulate meat production?

**Answer:** Three

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

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

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CARCASS QUALITY

**Question # 9**  **Bonus Question Attached**

**True/False**

**Question:** Paylean can make an average pig a great one.

**Answer:** False - There is no magic pill that will make an average animal into an ideal animal.


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CARCASS QUALITY

**Question #**  **BONUS QUESTION**

**Short Answer**

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

**Answer:** Food Safety and Inspection Service

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

Question #  10
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

HEALTH

Question #  11
Short Answer

Question: How many different variations of PRRS exist?

Answer: At least 20

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

CARCASS QUALITY

Question #  12
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

GENETICS & SELECTION

Question #  13
Multiple Choice

Question: The best description for correct muscle shape and design for breeding animals is which of these: a) round, tight and short  or  b) "long, smooth"

Answer: b) "long, smooth". Shape is important, and judges discriminated against round, tight and short muscle which hinders movement and could result in reproductive problems.

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

Question # 14
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

HEALTH

Question # 15
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: 1

GENETICS & SELECTION

Question # 16
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 # 17
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
HEALTH

Question #  18

Short Answer

Question:  What is the primary way that Parvovirus disease is spread in pigs?
Answer:  Parvovirus is primarily spread through manure.

Resource:  Vaccinations for Farrowing Operations, L2192  Page: 1

HEALTH

Question #  19

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

GENETICS & SELECTION

Question #  20  ** Bonus Question Attached **

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.

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:  What are some causes of lameness in show pigs?
Answer:  Injury, arthritis, and structural stress

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

CARCASS QUALITY

Question # 22
True/False

Question: Feeding Paylean longer than recommended or at rates higher than recommended is ILLEGAL.
Answer: True. Increasing the dosage (above 18 g/T) or feeding longer is not recommended and is, in fact, illegal.

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

CARCASS QUALITY

Question # 23
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

GENERAL MANAGEMENT

Question # 24
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
REPRODUCTION
Question # 25
Short Answer
Question: What is the average pig's estrous cycle?
Answer: 21 days
Resource: Artificial Insemination of Swine, L-5321 Page: 1

YOUTH
Question # 26
Short Answer
Question: Name four traits of a person with good character.
Answer: Traits that define a person of good character: trustworthiness, respect, responsibility, fairness, caring, and citizenship
Resource: Quality Counts (pdf), CHE Page: iv

HEALTH
Question # 27
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 # 28
True or False
Question: Pork tenderloin is equally as lean as a skinless chicken breast.
Answer: True. 3 oz. of tenderloin has 2.98 gm total fat and 1.02 gm saturated fat
Resource: Quick Facts, pork.org Page: 15
CARCASS QUALITY

Question # 29

Multiple Choice

Question: Which of these is closest to today's average backfat on hogs?
   a) 2.8 inches   b) 1.5 inches   c) .75 inches

Answer: c) .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 # 30

Short Answer

Question: Do pigs with Atrophic Rhinitis usually develop pneumonia?

Answer: No

Resource: Atrophic Rhinitis, L-2193  Page: 2