

Swine Quiz Bowl

Junior Questions

Set A

Developed 01/2012

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

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

GENERAL MANAGEMENT

Question # 3 Team A Contestant 2

Short Answer

Question: What is a barrow?

Answer: A castrated male pig.

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

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

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

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

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

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

GENERAL MANAGEMENT

Question # 12

Short Answer

Question: What is a gilt?

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

Resource: Texas 4-H Swine Project Guide, AS16-2 Page: 3

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

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. Discriminate 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

Swine Quiz Bowl

Junior Questions

Set B

Developed 01/2012

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

CARCASS QUALITY

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

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

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

* * * * * **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

GENERAL

Question # 15

True/False

Question: Breeding shows are terminal shows.

Answer: False

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

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

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.

Answer: 1. Date treated 2. Animal or Pen ID 3. Product Used for treatment
4. Amount given 5. Route of administration 6. Who gave the drug
7. Withdrawal time 8. Date withdrawal time is complete

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

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

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

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

Resource: Isolation Procedures for Farrowing Operations, L-2263 Page: 2

HEALTH

Question # 30

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

Swine Quiz Bowl

Junior Questions

Set C

Developed 01/2012

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

Resource: Texas 4-H Swine Project Guide, AS16-2 Page: 5

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

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

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.

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

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

Swine Quiz Bowl

Junior Questions

Set D

Developed 01/2012

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

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

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.

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

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-1 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