

Livestock Knowledge Bowl Study Questions for Seniors

True or False - Any breed of goat can be used for meat. -GT 2

- a. True

True or False - In cattle, conception rates are higher on the third estrus compared to the first. -BF 7

- b. True

True or False - Swine Dysentery is usually milder in older pigs. -SW 9

- c. True

True or False - Foot rot is caused by 8 different kinds of bacteria that infect the foot but is not an infectious disease. -SH 5

- d. False

Where is fat measured on a meat goat carcass? -GT 8

- a. 13th rib

Each calf should have at least _____ square feet if water trough and feeders are included. -BF 7

- b. 75 square feet

How many essential amino acids are part of protein needed by swine? -SW 8

- c. 10

A lamb hind shank should be braised or _____. -SH 7

- d. Cooked in liquid

How long should the electric dehorner be on each horn button of a calf? -BF 11

- a. 10 - 15 Seconds

Scours in calves mostly develops at what age? -BF 11

- b. First 2 weeks

A number one feeder pig will have a long _____. -SW 4

- a. Ham

A number one feeder pig will have thick _____. -SW 4

- b. Muscling

How old should lambs be when they are docked and/or castrated? -SH 3

- a. 4 - 14 days

When using an elastrator to castrate a lamb, how many days till the scrotum and band should fall off? -SH 3

- b. 7 - 14 Days

How old should a goat kid be when you start to offer it high quality grain starter? -GT 5

- a. 2 weeks

In general, a goat should reach market weight as early as ____ of age. -GT 5

- b. 6 - 7 months

The leg is about _____ percent of the meat goat carcass. -GT 8

- o 26 percent

The preferable calcium to phosphorus ratio in cattle is _____. -BF 7

- o 2:1

Which mineral in pigs is involved in bone building and assists in energy utilization? -SW 8

- o Phosphorus

When an individual fleece is evaluated and separated using grading criteria it is called _____. -SH 7

- o Sorting

The amount of fat contained in the regions of the kidney, pelvis, and heart as a percentage of the carcass weight is called _____. -BF 8

- a. KPH

Wool grading is based on the _____ and _____ of the fiber. -Sh 7

- o Diameter and Fineness

In Angora goats, the staple length should increase by how much per month in a good goat? -GT 9

- o ¾ inch

Rib eye area in cattle is the surface area muscle between the ___ and ___ ribs. -BF 8

- o 12th and 13th

The segregated early weaning (SEW) diet, containing a limited amount of corn and soybean meal, should be fed to pigs until they weigh about how much? -SW 8

- o 11 lbs.

What is added to a pig's diet in order to increase energy density during times of stress? -SW 8

- a. Fats

In what season do outbreaks of TGE in pigs most often happen? -SW 9

- o Winter

The usual range for shrinkage of wool is ____ to ____ percent. -SH 7

- o 50 - 65 percent.

What part of a crossback pack keeps the pack in place when going uphill on pack goats? -GT 9

- o Breast Collar

In cattle, the milk replacer you use should contain at least _____ percent protein. -BF 11

- o 20 Percent

Wool with an abnormal amount of weed, seeds, straw, hay, or chaff in the fleece is referred to as being _____. -SH 7

- a. Chaffy

Parainfluenza is also known as _____. -BF 5

- o PI - 3

What pig is most often affected by leptospirosis? -SW 9

- Sow

Quality grades in sheep are used to predict _____ characteristics. -SH 6

- Palatability

At what age are the majority of goat kids in meat and fiber systems weaned? -GT 10

- 60 - 90 Days

Intramammary infusions are given where in a goat? -GT 12

- a. Directly into the udder

The _____ breed of cattle was developed through a cross of Brahman, Hereford and Shorthorn breeds. Traits for which the breed was developed are known as the Six Essentials--weight, conformation, milking ability, fertility, hardiness, and disposition. - BF 2

- a. Beefmaster

What does PSS in hogs stand for? - SW 3

- b. Porcine Stress Syndrome

Adult bred ewes require how much loose square feet of barn space? - SH 3

- c. 10-12

Many plies or many leaves refers to which compartment in a goat? - GT 5

- d. Omasum

How much of the goat's body is composed of water? - GT 5

- a. 50-80 percent

The _____ breed of cattle was imported into the United States from Switzerland, France and Germany. These animals have red to dark red, spotted bodies with white to lite straw faces. They are noted for their fast growth and milking abilities. - BF 2 .

- b. a. Simmental

How much leaner are hogs now than they were in the 1960's? - SW 2

- c. 50%

When should ewe sheep be flushed? - SH 3

- d. Two weeks before breeding

There are three ways to give injectable medications, they are:

- Intramuscular
- Intravenous
- Subcutaneous

Name two types of goat housing.

- Cold
- Warm

Name three things that influence the value of market beef cattle.

- Supply and Demand
- Weight and Grade
- Location
- Dressing Percentage

The performance level of a swine herd is determined by what two things.

- Genetics
- Environment

Name two things to keep note on about the sow's behavior at the time of farrowing.

- Disposition
- Length of farrowing
- Any drugs
- Condition of udder
- Extended fever

Wool top is the combed fibers that are long enough to _____. - SH 7

- Spin

_____ is produced by almost all goats to some degree and is a very valuable fiber. - GT 9

- a. Cashmere

When clipping market cattle or club calves, name two characteristics you try to enhance

- b. Thickness
- c. Muscle Definition
- d. Eye Appeal
- e. Condition

A ram lamb can breed how many ewes in a pasture breeding program? - SH 3

- 25

Which is the most widely recognized and used rumen buffer for goats? - GT 5

- Sodium bicarbonate

You should start feeding and watering your animal from a bucket about _____ before the show. - BF 11

- 2 weeks

Quality control in the swine industry begins with providing good

_____? - SW 4

- Genetics

Name four characteristics of good housing for beef calves.

- a. Clean
- b. Well lit
- c. Sufficiently ventilated
- d. Free from drafts and dampness

The _____ gene is an inherited dominant gene in pigs that is associated with poor water holding capacity and excessive moisture loss in cooking. - SW 4

- o Napole

How much of a sheep's body weight is water? - SH 4

- o 2/3

A goat kid should have his first feeding within _____ after birth. - GT 5

- o 1 hour

How long should new beef cattle be separated from the rest of the herd? - BF 5

- o 1-2 months

Name three traits a boar pig would have from its history and ancestors genetics

- a. Growth rate
- b. Feed efficiency
- c. Carcass merit
- d. Reproductive performance

How often does the estrous cycle repeat in a healthy cow that is not bred? - BF 6

- o 18-21 days

A feeder pig that is short and has thin muscling throughout, particularly in the lower parts of the ham toward the shanks is what USDA feeder pig grade? - SW 4

- o No. 4

When should lambs be started on creep feed rations? - SH 4

- o 5-12 days

About how old should a goat kid be when you start to offer it high quality grain starter? - GT 5

- o 2 weeks

The two major classes of wool are: _____ - SH 7

- a. Apparel wool
- b. Carpet wool

In general a goat should reach market weight as early as _____ of age. - GT 5

- o 6-7 months

About how long can domesticated cattle live without water? - BF 7

- o 7 days

When measuring the loin muscle area in a pig carcass using a plastic grid, divide the total number of dots by _____ to get the area in square inches. - SW 4

- 20

A lamb creep ration should contain how much protein? - SH 4

- 18-21 percent

Name three things about goats that there should be records on.

- a. Milk weights
- b. Milk components
- c. Growth performance
- d. Performance information
- e. Performance records
- f. Reproduction records

True or False: Most feeds generally do not contain adequate amounts of salt needed for beef cattle. - BF 7

- a. True

True or False: Many cuts of pork are as lean or leaner than chicken? - SW 6

- b. True

True or False: Sheep get two permanent teeth a year until they are six years of age. - SH 2

- c. False

True or False: Products effective in synchronizing estrus in goats are approved for use in the United States. - GT 4

- d. False

Which is the largest compartment in the goat's digestive system? - GT 5

- a. Rumen

What is the ideal Frame Score for a mature breeding heifer? - BF 2

- a. 5.5 - 7.0

How much leaner are hogs now than they were in the 1960's? - SW 2

- a. 50%

The average market lamb on good feed will gain about how many pounds per day. - SH 2

- a. 0.5 - 0.75 lbs.

The _____ breed of cattle was developed in Italy. They are white with black skin pigmentation. They are large and noted for their working, mothering, and beef producing abilities. - BF 2

- a. Chianina

The _____ breed of cattle originated in the west-central part of France. They are solid-to golden-red in color with lighter circles around the eyes and muzzle. When slaughtered at

an early age, these animals yield a high percentage of lean meat with a minimum amount of fat. - BF 2

- a. Limousin

The _____ gene is an inherited recessive condition in pigs that are susceptible to external stress and can lead to death. - SW 4

- a. Porcine Stress Syndrome

The _____ gene is an inherited dominant gene in pigs that is associated with poor water holding capacity and excessive moisture loss in cooking. - SW 4

- a. Napole

Adult bred ewes require how much loose square feet of barn space? - SH 3

- a. 10 - 12 square feet

Most abortions occur in what period of pregnancy? - SH 5

- a. Last one-half or one-third

Many plies or many leaves refers to which compartment in a goat? - GT 5

- a. Omasum

The honeycomb is another name for which compartment in a goat? - GT 5

- a. Reticulum

A calf should receive colostrum for how long? - BF 11

- a. 3-4 days

Atrophic rhinitis is an inflammation of the mucous membranes that line what part of a pig? - SW 9

- a. Nose

When should lambs be weaned? - SH 3

- a. 60 Days or 45 Pounds

For lactating goats their milk is _____ percent water. - GT 5

- a. 87%

Name the USDA quality grades for lambs and yearling lamb carcasses.

- a. Prime, Choice, Good, Utility

It is recommended that all injections should be given in what part of beef cattle to avoid possible damage to high priced meat cuts. - BF 12

- a. Neck

_____ is wool from the hindquarters of the sheep, usually the coarsest on the body. - SH 7

- a. Britch

Which vitamin is needed to help clot the blood in goats? - GT 5

- a. Vitamin K

This question has a bonus attached: Haemophilus parasuis (glasser's disease) is most often seen in what age of pig? - SW 9

- a. 2 - 16 weeks

Bonus: Name the three stages of goat lactation.

- a. Early Lactation, Mid Lactation, Late Lactation

What is the average yield grade on a sheep carcass? - SH 6

- a. 2-3

Cows that are milking and grazing on lush pastures require a supplement of _____ to avoid grass tetany. - BF 7

- a. Magnesium

A sow that is to be re-bred immediately following weaning, should be re-vaccinated _____ post/after farrowing. - SW 9

- a. 2 - 3 weeks

For goats, in an effort to eradicate scrapies, animals that are identified must have their movement and records kept for at least _____ years. - GT 6

- a. 5

A standard mineral mixture for beef cattle contains approximately _____ phosphorus. - BF 7
A. 6 - 8 Percent

Range sheep operations usually have between _____ and _____ sheep in their flock - SH 10

- a. 1000 - 5000

A 1000 pound beef animal will produce about how much manure in one day? - BF 13

- a. 60 lbs

New pig additions to a herd have a _____ day isolation period. - SW 9

- a. 30 Day

Lice affects goats more during the _____ months. - GT 6

- a. Winter

_____ is the shortest in each grade of wool for sheep. - SH 7

- a. Clothing Wool

In beef cattle, vitamin _____ may be supplemented by injection or orally if leafy green forages are not available. - BF 7

- a. Vitamin A

What does parvovirus cause in swine? - SW 9

- b. Reproductive Failure

Farm flock operations usually have between _____ and _____ sheep? - SH 10

- c. 30 - 200

LaMancha goats are tattooed on the _____. - GT 6

- d. Web of the Tail

True or False: Goats have good depth perception and good peripheral vision because their pupils are horizontal. - GT 3

- a. True

True or False: The list of ingredients on a beef cattle feed label starts with the ingredients with the lowest concentration and then to the highest. - BF 7

- b. False

True or False: Of all farm animals, the pig is the least likely to suffer from mineral deficiencies. - SW 8

- c. False

True or False: Intramuscular injections should not be made if blood appears in the syringe. - SH 3

- d. True

_____ is abnormal, coarse, hairy fibers in some sheep's fleece. - SH 7

- a. Kemp

The recommended height of a fence so goats don't jump out is _____ inches. - GT 10

- b. 48 inches

Which stomach compartment in cattle is also called the honeycomb? - BF 7

- c. Reticulum

What is the primary factor affecting the pounds of lean in a pig and is measured along the back at specific locations? - SW 4

- d. Fat Depth

Which beef cattle disease is a contagious virus that causes diarrhea, abortions, weak calves, high temperature, discharge from nose, and problems in the intestines? - BF 5

- a. BVD

In cattle, I.B.R. is a contagious virus that affects the _____. - BF 5

- b. Respiratory System

A feeder pig that is moderately long and has moderately thick muscling through the hams and shoulders is what USDA feeder pig grade? - SW 4

- a. No 2

Ileitis affects what part of a pig? - SW 9

- b. Intestinal Tract

A lamb that is 41 days old would be in what age-weight category? - SH 3

- a. 60 Day

A lamb that is 155 days old would be in what age-weight category? - SH 3

- b. 180 Day

A goat cannot carry a pack until _____ of age. - GT 9

- a. 18 months - 2 years

A goat In 2nd year, and pulls an empty cart while following voice commands is called a _____.
-GT 9

- b. Harness Yearling

Which sheep breed is polled with a lean black head and legs, is known for its meatiness, high carcass quality, and rapidly growing lambs? - SH 10

- o Suffolk

The most important nutrient for any animal is _____. - BF 7

- o Water

Angora fleece grows an average of _____ per month. - GT 9

- o $\frac{3}{4}$ - 1 Inch

The public health service set the drink water standard at what amount in parts per million (ppm) of nitrate in the water that comes from the breakdown of manure. - SW 11

- o 10 ppm

In sheep how long is the length of estrus or heat period? - SH 11

- a. 20 - 42 hours

What is the ultimate control center for female pig reproduction? - SW 15

- o Brain

In goats, Intramammary infusions are given where in a goat? - GT 13

- o Directly into udder

If an animal is low in iron, the condition is called _____. - BF 7

- o Anemia

_____ in raising sheep involves providing for the animals' needs to produce a healthy animal and a wholesome product. - SH 13

- o Quality Assurance

When cartilage turns from soft tissue to hard bone-like structure it is called _____. - BF 8

- a. Ossification

Ideally a heifer would reach puberty weight ____ days before breeding: - BF 7

- o 160 Days

Which type of straight breeding in sheep is the continuous use of unrelated rams? - SH 11

- o Outbreeding

What "captures" the egg at ovulation in female pigs? - SW 15

- o Infundibulum

This question has a bonus attached: Calves should be started on creep feeding at: - BF 7

- o 3 - 4 Months

How many chromosomes does a body cell in a pig have? - SW 17

- a. 38

Once oxytocin is stimulated in a goat how long does it take for the full milk let down response?
- GT 7

- 20 - 60 seconds

The loin and rib are _____ meats. - BF 8

- Middle

What is the average duration of heat for swine in hours? - SW 18

- 50 - 60 hours

What inherited defect in sheep is when one or both testes of the ram may be retained in the abdomen? - SH 11

- Cryptorchidism

What is the desired weight for meat goats in the cabrito market? - GT 8

- a. 15 - 30 lbs.

The numerical designation for the percentage of boneless, closely trimmed retail cuts from the round, loin, rib, and chuck of the carcass is called the _____ - grade. - BF 8

- a. Yield

A gene that affects physical appearance is called what? - SW 17

- b. Phenotype

In sheep how long is the time between estrus or heat periods? - SH 11

- c. 14 - 19 Days

Which disease in goats is an infectious disease usually carried from goat to goat, and some symptoms are watery, red, or cloudy eyes? - GT 6

- d. Pink Eye

True or False: In sheep, Yield grade 5 represents the highest yield grade and yield grade 1 is the lowest yield. - SH 6

- a. False

True or False: Mohair is a secondary fiber produced by fiber goats. - GT 9

- b. True

True or False: Marbling in beef cattle is the first fat to be deposited on the cattle. - BF 8

- c. False

True or False: Pigs weaned at a young age should be fed more soybean meal. - SW 8

- d. False

When measuring the loin muscle area in a pig carcass using a plastic grid, divide the total number of dots by _____ to get the area in square inches. - SW 4

- a. 20

When should breeding rams be shorn? - SH 3

- b. Before breeding season

When trimming a goat's hoof, always cut what way? - GT 6

c. Heel to Toe

Which beef cattle market has direct delivery of livestock to the packing plant, and the price is determined between the buyer and seller? - BF 10

d. Direct to packer sales

How often does the estrous cycle repeat in a healthy cow that is not bred? - BF 6

a. 18 - 21 Days

On average, how many days after conception will a cow calve? - BF 6

b. 283 Days

Which nutrient from pork gives 33 percent of daily value and helps build red blood cells and metabolize carbohydrates? - SW 6

a. Vitamin B-12

About 75-80 percent of the total feed pigs use is consumed during what period of a pig's life? - SW 8

b. Grower to Finisher

A mature ram can breed how many ewes in a pasture breeding program? - SH 3

a. 40 - 60

A ram lamb can breed how many ewes in a pasture breeding program? - SH 3

b. 25

Which is a fibrous connective tissue that supports the sides of the goats udder. - GT 7

a. Lateral Suspensory Ligament

What is the smallest unit of the udder in a goat? - GT 7

b. Alveolus

From Netherlands around the first century, the _____ are well-known for high milk production and large frame making them the most popular dairy breed. - BF 11

a. Holstein

What is the average gestation length in days for swine? - SW 20

b. 114 days

When using the elastrator to castrate a goat how long till the scrotum and band should fall off? - GT 6

c. 7 - 10 Days

Selecting sheep replacements, chosen on the average performance of the whole family, is what type of selection for single traits? - SH 11

d. Family Selection

Liquid semen from boar pigs should be stored at what temperature? - SW 18

- a. 60 - 65 degrees fahrenheit

What inherited defect in sheep is when the lower eyelid rolls in and causes eye irritation? - SH 11

- e. Entropion

The carcass of what cattle breed _____ may be rejected just like the Guernsey due to their "yellow" fat?. - BF 11

- f. Jersey

How long should the electric iron be held on the goat to dehorn it? - GT 6

- g. 6 - 10 seconds

When providing extra heat to the piglets sleeping area, what should the temperature be the first week? - SW 20

- h. 90 - 95 degrees fahrenheit

About how long after ovulation in a doe goat does the embryo attach itself to the wall of the uterus? - GT 4 20 days

- a. 20 days

On a piglet, leave how much of the navel cord when cutting if it has not been tied? - SW 21

- i. 3 - 4 inches

Grouping fleeces according to their characteristics as a bunch is called _____. - SH 7

- j. Grading

In goats, After peak milk yield, milk production in goats should be about what percent of the previous months milk yield? - GT 5

- k. 90 - 95%

At market, the ideal dairy beef feeder is between _____ and _____ months old. - BF 11

- l. 6 and 8

Wool grading is based on what two characteristics of the fiber? - SH 7

- a. Diameter and Fineness

An indicator of an upset digestive tract from a viral or bacterial infection in the first two weeks of life may be _____. - BF 11

- m. Scours

Sheep Riblets are a cut from the _____. - SH 7

- n. Breast and Foreshank

Which is the most widely recognized and used rumen buffer for goats? - GT 5

- o. Sodium Bicarbonate

How short should a piglet's tail be docked? - SW 21

- p. 1 inch

If your calf develops scours you should _____ milk intake. - BF 11

- a. Keep the same

In beef cattle, acidosis can lead to _____ abscesses. - BF 11

- a. Liver

What is the best age to castrate a pig? - SW 21

- b. 3 - 21 days

Stiff lamb disease is another name for the disease _____. - SH 5

- c. White Muscle

How much of the goat's body is composed of water? - GT 5

- d. 50 - 80 percent

True or False: Pigs with swine influenza/flu rarely die. - SW 9

- a. True

True or False: All breeds of sheep come into heat at the same time of year. - SH 11

- b. False

True or False: Angora fleece should be creamy white with no color variation. - GT 9

- c. True

True or False: Animals over 800 pounds generally gain more efficiently on natural protein sources. - BF 7

- d. False

About what percentage of beef marketed annually in the United States comes from Holstein-fed steers? - BF 11

- a. 12-15 percent

Which nutrient group are compounds that assists the body in the assimilation and use of other nutrients? - SW 8

- b. Vitamins

Which part of a sheep's digestive tract is where most nutrients are absorbed? - SH 4

- c. Small Intestines

Which female goat hormone is produced in the pituitary gland and stimulates development of ovarian follicles? - GT 4

- d. Follicle Stimulating Hormone (FSH)

What is the preferred body condition score of a heifer at calving? - BF 7

- a. 6

A two-year-old heifer should weigh about _____ percent of her mature weight at first calving. - BF 7

- b. 85%

Lactating sows produce how many pounds of milk per day? - SW 8

- a. 15 - 25 lbs

How many pounds of feed will a lactating sow consume per day? - SW 8

- b. 9 - 15 lbs.

Which is needed in small amounts and all but three are produced in the sheep rumen? - SH 4

- a. Vitamins

Which vitamin is important for the prevention of white muscle disease in sheep? - SH 4

- b. Vitamin E

How long does an estrus cycle usually occur in female goats? - GT 4

- a. 21 Days

Fertilization occurs in a doe goat and results in the formation of a single-celled organism called

a. _____ . - GT 4

- b. Zygote

Colostrum is full of _____, which will help the calf fight disease. - BF 11

- a. Antibodies

For a three week old pig what should the temperature be at, at pig level, for the first few days after weaning? - SW 22

- b. 85 degrees Fahrenheit

"Over-eating" disease is also known as _____. - SH 5

- c. Enterotoxemia

For goats what helps keep bacteria out of the mammary gland and prevent mastitis? - GT 7

- d. Keratin

A pre-sliced lamb shoulder is best cooked by _____ or braised. - SH 7

- a. Roasting

When selecting sheep for multiple traits what selection type focuses on one trait at a time, gets it to the desired level and then considers the next trait? - SH 11

- e. Tandem Selection

About how often should hair be removed from a goat's udder? - GT 7

- f. Every 3 Months

Which injection in swine is given under the skin? - SW 24

- g. Subcutaneous

Large breed calves should receive _____ quarts of colostrum in the first 30 minutes of life. - BF 11

- h. 2 quarts

The leanest cut of pork is _____. - SW 6

- a. Tenderloin

How often should needles be replaced when giving shots to swine? - SW 24

- i. Every 20 pigs

A starter grain for beef cattle should be a minimum of _____ percent protein. - BF 11

- j. 18

The American or Blood System divides all wool from _____. - SH 7

- k. Finest to Coarsest

This question has a bonus attached: The hind saddle, consisting of the loin, leg, and other minor cuts, is what percent of a meat goat carcass? - GT 8

- l. 48 %

Bonus: Warble flies are also known as _____ flies. - BF 5

- a. Heel Flies

The short fibers in wool used for making felt and woolens are called _____. - SH 7

- m. Noils

Which part of a goat harness is most important and moves the cart? - GT 9

- n. Breast Strap

Abortions, retained placentas, and premature birth of calves are all a result of _____. - BF 5

- o. Brucellosis

This question has a bonus attached: Magnesium is important for normal function of many enzymes, glucose and _____ action. - SW 6

- p. Muscle

In the west, goats used for cashmere are sheared how many times a year. - GT 9

- a. Once

The _____ breed has origins in the Scottish Highlands. Despite long horns, long hair, and an unusual appearance, these cattle are considered even-tempered animals. This is a disease resistant breed with lean, well-marbled and flavorful meat. - BF 2

- a. Scotch Highland

Most cuts of pork contain less than _____ calories per three ounce serving. - SW 6

- b. 200

Wool with an abnormal amount of weed, seeds, straw, hay, or chaff in the fleece is referred to as being _____. - SH 7

- c. Chaffy

In feed matter, a preventative measure for coccidiosis is feeding a _____. - GT 6

- d. Coccidiostat

True or False: Vitamin E comes from leafy green forages. - BF 7

- a. True

True or False: Having a square pen for hogs is better than a rectangle pen. - SW 11

- b. False

True or False: Abortions are not contagious so there is no need to separate ewes that have aborted. - SH 5

- c. False

True or False: Contagious ecthyma can infect sheep of any age. - GT 6

d. True

When damage is done to the bladder by a urinary calculi a condition that may result is called _____ . - GT 6

a. Water Belly

What are the two P's of beef cattle training and care? - BF 12

b. Patience and Practice

What part of a pig does Colibacillosis and E. coli bacteria affect? - SW 9

c. Intestinal Tract

What fraction of a sheep's body weight is water? - SH 4

d. 2/3

About how much space in square feet does a calf require from birth to weaning? - BF 11

a. 25

How long should the electric dehorner be on each horn button of a calf? - BF 11

b. 10 - 15 Seconds

Which phase feeding should start pigs on the transition from milk based protein to plant based protein? - SW 8

a. Phase 2

At what age are pigs most often affected by Colibacillosis and E. coli? - SW 9

b. 5 Days

A lamb creep ration should contain how much protein? - SH 4

a. 18 - 21 percent

How much protein should be in a "growing" ration for lambs? - SH 4

b. 14 - 16 percent

Calcium to phosphorus ratio for goats should be at ____:____ to help prevent urinary calculi from forming. - GT 6

a. 1.5-2

One way to stop the spread of CAE is to _____. - GT 6

b. Pasteurize all colostrum and milk before feeding kids

In sheep, the amount of fat is measured at the _____ rib above the loin eye muscle. - SH 6

a. 12th

The _____ breed of cattle was brought to the United States from England in 1783.

These animals can be red, white or roan in color. They are noted for their good disposition, mothering, and milking abilities. - BF 2

b. Shorthorn

Parturient paresis or parturient hypocalcemia is also known as _____ - GT 6

c. Milk Fever

Pork chops come from the _____. - SW 5

d. Loin

U. S. consumption of lamb is _____ pound(s) per person per year on a carcass weight basis. - SH 6

a. 1

The picnic is often called a _____. - SW 5

e. Callie

If a calf's hock has too little angle or set, it is known as _____. The calf is too straight through the joint, resulting in very stiff, restricted movement. - BF 2

f. Postlegged

A modified hot house lamb up to 70 pounds, with normal slaughtering is a _____ lamb. - SH 6

g. Easter Lamb

In goats, The _____ muscle surrounds the streak canal and can vary in how loose or tight they may be affecting how fast the milk can be released. - GT 7

h. Sphincter muscle

The first hog to human heart valve transplant took place in what year. - SW 5

a. 1971

If there is a drug recall, check the _____ to see if your bottle was affected. - SH 13

i. Lot Number

_____ is a beef cattle disease that causes swelling and lameness; the skin between the toes and around the foot turns red and will have a foul odor. - BF 5

j. Foot Rot

A ham will weigh an average of _____. - SW 5

k. 15 - 20 lbs.

This question has a bonus attached: Most goats milk out in _____ minutes on a machine. - GT 7

l. 2 - 6

Milking Pumps are rated by CFM or _____. - GT 7

a. Cubic Feet Per Minute

Pepsin, Mucin, and Intrinsic Factor all come from the hog's _____. - SW 5

m. Stomach

_____ or stockering is the practice of putting on gain slowly for a short time with grass, hay, or crop residue for beef calves. - BF 10

n. Backgrounding

Generally, a pulsation ratio is set at _____ pressure: _____ rest. - GT 7

o. 50:50

_____ is the weight of the freshly shorn fleece in pounds, to the nearest tenth of a pound in sheep. - SH 3

p. Grease Weight

Goat cheeses can be separated into four categories by moisture content, name them: - GT 7

a. Firm, Hard, Soft, Semisoft

The rumen is located on the _____ side of the cow. - BF 7

a. Left

The Napole gene is associated with the _____ breed. - SW 4

b. Hampshire

The top two states for lamb consumption are _____. - SH 6

c. California and New York

The fat globules in cow milk are _____ than those in goat milk. - GT 7

d. Larger