**Beef**

**Junior**

Approximately how much feed does it require to produce a pound of beef?

6-7 pounds

What is the term given to a female bovine that has not produced a calf?

Heifer

T or F Cattle can eat grain only?

False, they eat forages also.

At how many months old are calves usually weaned?

7-8 months

The breed of cattle which originated in Scotland, having no horns and is mainly black in color, but can be red is what?

Angus

A young bull or heifer that is under 1 year of age is called a what?

Calf

What is the average market weight for cattle?

1150-1250 pounds

A group of cattle is called a what?

Herd
What is the average weight of a calf at birth?

80-100 lbs.

Is it good management practice to raise polled or dehorned animals rather than keeping animals with horns?

Yes

At approximately what age is it best to castrate, dehorn, earmark, and brand calves?

3-5 months

When someone refers to a cow as open what does he or she mean? (BU-6352 Revised 1999)

The cow is not pregnant or bred

A castrated male bovine is commonly known as_________?

Steer

In cattle, this term means naturally having no horns.

A. docked
B. pointed
C. buffed
D. polled
E. smooth

D. polled

In days, what is the gestation length of a beef cow?

A. 115 days
B. 151 days
C. 230 days
D. 284 days
E. 345 days

D. 284 days
Implants are used in beef production to: (Nebraska 4-H 2000 Livestock Quiz Bowl Questions)

A. improve feed efficiency
B. improve average daily gain
C. improve profitability
D. All of the above

D. all of the above

What breed of beef cattle was developed in France, is known for fast growth lean meat and are large and white? (Nebraska 4-H 2000 Livestock Quiz Bowl Questions)

Charolais

List three of five common techniques for permanent identification of cattle. (University of Arkansas Sample Beef Bowl Quiz Questions)

Ear notching
Ear tattooing
Hot Iron branding
Freeze branding
Chemical branding

What are Body Condition Scores (BCSs)? (Texas 4-H Quiz Bowl Sample Questions)

BCS numbers are used to suggest the relative fatness or body composition of a cow.

The target body condition score for a cow prior to calving is

_______? (Texas 4-H Quiz Bowl Sample Questions)

5-6

Most thin cows will not re-breed if they are exposed to the bulls. (Texas 4-H Quiz Bowl Sample Questions)

True
To ensure high pregnancy rates, the lowest body condition score that a cow should have is __________?
(Texas 4-H Quiz Bowl Sample Questions)

Five

A cow with a body condition score of 9 would be considered __________? (Texas 4-H Quiz Bowl Sample Questions)

Extremely Fat

A cow with a body condition score of 1 would be considered __________? (Texas 4-H Quiz Bowl Sample Questions)

Very Thin

T or F The most prudent and effective way to reduce birth weight is to feed less.
(Texas 4-H Quiz Bowl Sample Questions)

False: use a bull that is known to sire calves with low birth weights

Bos taurus and Bos indicus breeds, which group will reach puberty first and are considered early maturing?
(Texas 4-H Quiz Bowl Sample Questions)

Bos Taurus

T or F A mature cow that has consistently calved throughout her life and is unexpectedly found open can be retained in the herd.
(Texas 4-H Quiz Bowl Sample Questions)

True

Where is the proper place to put implants?
(Texas 4-H Quiz Bowl Sample Questions)

Backside of middle third of ear
T or F Implanting at any location other than the backside middle third of ear violates federal law. 
(Texas 4-H Quiz Bowl Sample Questions)

True

T or F Many implants are available, but selection of an implant is less critical than the decision on whether to implant or not. 
(Texas 4-H Quiz Bowl Sample Questions)

True

When feeding a concentrate feed, what should one do upon the first signs of any digestive problems? 
(Texas 4-H Quiz Bowl Sample Questions)

increase hay (roughage)

What is the term used to describe a digestive ailment often caused by cattle eating rations too high in grain; especially common when starting on feed? 
(Texas 4-H Quiz Bowl Sample Questions)

acidosis

What feedstuff can be added to help prevent feed separation and settle dust in a mixed feed? 
(Texas 4-H Quiz Bowl Sample Questions)

molasses

What vitamin is typically adequate in cattle exposed to sunlight? 
(Texas 4-H Quiz Bowl Sample Questions)

Vitamin D
T or F Excessive fattening of heifers at young ages diminishes future milk production potential.
(Texas 4-H Quiz Bowl Sample Questions)

True

How many times a day should cattle be fed to consume more feed and have fewer digestive problems?
(Texas 4-H Quiz Bowl Sample Questions)

more than twice a day

With show cattle, rinsing the calf daily is designed to do what?
(Texas 4-H Quiz Bowl Sample Questions)

promote healthy skin and hair

Senior

What is the #1 agricultural commodity in Oklahoma?

Beef or Cattle and calves

Name the breed of cattle developed in southern United States from stock originating in India and having a lump between the shoulders and large folds of loose skin?

Brahman

T or F Breeding bulls should be kept very fat to improve breeding performance during the breeding season.

False

What is the term used to describe abnormally large, bulging muscles in the rear quarter and forearm of a beef animal?

Double muscling
The average age that a heifer will be bred for the first time is: (4A465 Wyoming Beef Report)
  A. 9 months
  B. 5 months
  C. 24 months
  D. 15 months

D. 15 months

The time period that a cow or heifer will stand to be receptive to a bull is known as what? (4A465 Wyoming Beef Report)

Heat or Estrus

What is the average body temperature of cattle?
  A. 98.6
  B. 100
  C. 101
  D. 102.5

D. 102.5

What mineral deficiency causes grass tetany, a condition in which cattle appear nervous, lack muscle coordination, and have muscle twitch?
  A. Magnesium
  B. Calcium
  C. Phosphorus
  D. Selenium
  E. Sodium

A. Magnesium

The intramuscular (IM) injection site of choice in cattle over 300 lbs. is:
  A. neck
  B. triceps
  C. lion
  D. hamstring
  E. gluteal

A. neck
What scientific name refers to cattle?
   A. ovine
   B. porcine
   C. equine
   D. caprine
   E. bovine

E. bovine

Loss of weight during shipping is called ____________.

Shrink

Where is the brisket of a calf? (Nebraska 4-H 2000 Livestock Quiz Bowl Questions)

   Between the front legs

What disease is caused by a magnesium deficiency and is sometimes seen in grazing cattle? (Nebraska 4-H 2000 Livestock Quiz Bowl Questions)

Grass Tetany

When the reproductive processes of a group of cows are manipulated so that a large number of cows all come into heat at the same time, this is known as _____________. (Nebraska 4-H 2000 Livestock Quiz Bowl Questions)

Estrous Synchronization

Name two signs that a cow/heifer is in heat (Nebraska 4-H 2000 Livestock Quiz Bowl Questions).

   Tend to group together, ride each other, and exhibit standing heat/stand to be ridden, mucous discharge from vagina
Describe how a calf will be presented, (i.e., in what position are its various body parts) in a normal delivery (Nebraska 4-H 2000 Livestock Quiz Bowl Questions).

Front legs first with head resting between legs, calf is right side up

The flap of skin on the throat of a beef animal is called what? (Nebraska 4-H 2002 Livestock Quiz Bowl Questions)

Dewlap

What’s another name for cattle that are registered with a breed association and that are used to establish a breeding herd? (Nebraska 4-H 2002 Livestock Quiz Bowl Questions)

A. Commercial
B. Straightbred
C. Seedstock
D. Seedstock

What do the letters NCBA stand for? (University of Arkansas Sample Beef Bowl Quiz Questions)

National Cattlemen’s Beef Association

Protein and energy should be in proper balance. If protein is in excess compared to the level of energy, what will happen to the excess protein? (Texas 4-H Quiz Bowl Sample Questions)

The protein will be used for energy.

Heifers should weigh what percent of their mature weight at their first breeding? (Texas 4-H Quiz Bowl Sample Questions)

65-70 percent
What is the recommended age to calve first-calf heifers to increase total lifetime productivity?  
(Texas 4-H Quiz Bowl Sample Questions)  
2 years old

What major hormone is produced by the testis (testicle) of the bull?  
(Texas 4-H Quiz Bowl Sample Questions)  
Testosterone

How many days prior to the breeding season should bulls be evaluated for breeding soundness?  
(Texas 4-H Quiz Bowl Sample Questions)  
30-60 days

What are the reproductive organs that produce the ovum or egg during estrus?  
(Texas 4-H Quiz Bowl Sample Questions)  
Ovaries

How early can an experienced palpator with skill and practice be able to detect pregnancy?  
(Texas 4-H Quiz Bowl Sample Questions)  
30 days

What two criteria are used to determine frame scores?  
(Texas 4-H Quiz Bowl Sample Questions)  
Hip height and age of animal

There are four measured factors used to formulate yield grades. Name them.  
(Texas 4-H Quiz Bowl Sample Questions)  
fat thickness, ribeye area, carcass weight, kidney, pelvic, and heart fat
Between what ribs are ribeye measurements taken?  
(Texas 4-H Quiz Bowl Sample Questions)

12th and 13th rib

Cattle require eight basic nutrients. Name five.  
(Texas 4-H Quiz Bowl Sample Questions)

protein, minerals, vitamins, water, sugar, starch, cellulose, fat

What term is used to describe the activity that ensures the body is getting its requirement to function properly?  
(Texas 4-H Quiz Bowl Sample Questions)

maintenance

What additive is used in feeds to help prevent some feedlot stress problems and control low-level infections but has little effect on increasing weight gain?  
(Texas 4-H Quiz Bowl Sample Questions)

Antibiotics

What percent of body weight can cattle consume daily in dry matter?  
(Texas 4-H Quiz Bowl Sample Questions)

2-3 percent

What is another name for Bangs Disease?  
(Texas 4-H Quiz Bowl Sample Questions)

Brucellosis

T or F Brucellosis causes abortion and infertility in cattle.  
(Texas 4-H Quiz Bowl Sample Questions)

True