

Kentucky FFA Livestock Eval CDE Quiz-2025

- B 1.) Which should help to prevent Grass Tetany in beef cattle?
A.) Trace mineral salt C.) Sodium Chloride
B.) Magnesium D.) Ractopamine Hydrochloride
- D 2.) Which is **NOT** an energy feed?
A.) Corn Silage C.) Shelled Corn
B.) Rolled Oats D.) Soybean Meal
- D 3.) If someone describes a Charolais Bull as very "terminal", he would have which set of EPDS/Indexes?
A.) Above breed average for Weaning Weight EPD
B.) Above breed average for Milk EPD
C.) Above breed average for Terminal Sire Index
D.) Both A and C are correct
- C 4.) Which breed would be the best choice to improve wool quality in a commercial sheep operation?
A.) Suffolk C.) Rambouillet
B.) Katahdin D.) White Dorper
- D 5.) Which would be the measurements for a typical Swine carcass?
A.) .20 inches of backfat and a 2.95 square inch loin eye
B.) .25 inches of backfat and a 3.35 square inch loin eye
C.) .35 inches of backfat and a 5.25 square inch loin eye
D.) .75 inches of backfat and a 7.50 square inch loin eye
- B 6.) Which is a monogastric animal?
A.) Cattle C.) Sheep
B.) Pig D.) Both A and C are correct
- B 7.) What is the gestation length of a Hampshire ewe?
A.) 113 days C.) 283 Days
B.) 148 days D.) 340 days
- A 8.) Which Body Condition Score would be the thinnest in beef cattle?
A.) 1 C.) 7
B.) 3 D.) 9
- D 9.) Which of the following would provide the highest protein content in a swine ration?
A.) Steam Flaked Corn C.) Beet Pulp
B.) Ground Corn D.) Soybean Meal
- C 10.) Ground beef should be cooked to what minimum internal temperature to ensure food safety?
A.) 125°F C.) 160°F
B.) 135°F D.) 190°F

- D 11.) Which type of beef cattle operation supplies bulls and replacement heifers to commercial cow/calf producers?
A.) Commercial Feedyard C.) Stocker/Background Producer
B.) Veal Calf Producer D.) Seedstock Producer
- C 12.) When should you perform a breeding soundness exam on a bull?
A.) 2 weeks after birth
B.) At weaning time
C.) Every year before the breeding season
D.) None of these are correct
- B 13.) Which would be most important when selecting a Red Angus bull to use on Simmental heifers?
A.) Marbling EPD C.) Ribeye Area EPD
B.) Calving Ease EPD D.) Showring Presence
- C 14.) Which is used to determine USDA Yield Grade in Beef Cattle?
A.) Marbling C.) Size of Ribeye Muscle
B.) Frame Size D.) Breed of live cattle
- C 15.) Where is the American Angus Association located?
A.) Denver Colorado C.) St. Joseph, Missouri
B.) Kansas City, Missouri D.) West Lafayette, Indiana
- D 16.) Which gilt would have the most hybrid vigor or heterosis?
A.) Purebred Duroc C.) Duroc X Hampshire
B.) Purebred Yorkshire D.) Duroc X (Yorkshire X Landrace)
- D 17.) How much does the average steer weigh going to harvest today?
A.) Under 1000 pounds C.) About 1205 pounds
B.) Around 1150 pounds D.) Around 1400 pounds
- A 18.) Who is the current Kentucky Deputy Commissioner of Agriculture?
A.) Mr. Warren Beeler C.) Mrs. Niki Ellis
B.) Mr. David Beck D.) Mr. Dave Maples
- D 19.) What criteria do KDA Graders evaluate or observe when grading feeder cattle?
A.) Breed
B.) Frame Size
C.) Muscle Thickness
D.) Both B and C
- A 20.) If you breed a Homozygous Polled Red Simmental Bull to a herd of Hereford Cows, which statement is true?
A.) All the calves will be red and polled
B.) All the calves will be black and polled
C.) All the calves will be red and horned
D.) All the calves will be black and horned
- D 21.) _____ goats are considered as a dual-purpose breed.
A.) Toggenberg C.) Spanish
B.) Boer D.) Nubian

- D 22.) What practice is used in preconditioning feeder calves?
A.) Weaning C.) Teaching to eat from feed bunk
B.) Vaccinating D.) All of these are correct
- D 23.) Which market animal would have a dressing percentage around 60%?
A.) Market Goat C.) Market Lamb
B.) Market Hog D.) Market Steer
- C 24.) Which is a Continental Breed of beef cattle?
A.) Angus C.) Simmental
B.) Red Angus D.) All of these are Continental Breeds
- C 25.) Which cool season grass has a toxic fungus?
A.) Orchardgrass C.) Tall Fescue
B.) Bermudagrass D.) White Clover
- D 26.) Which trait responds the best to selection?
A.) Ribeye Area C.) Conception Rate
B.) Amount of Marbling D.) Both A and B
- A 27.) What was the name of the first crossbred steer to win Grand Champion at the International Livestock Exposition in Chicago in 1969?
A.) Conoco C.) Keystone
B.) Cunia D.) Signal
- C 28.) When should grass hay be harvested to optimize both quality and yield?
A.) At 2 inches high C.) At "boot stage", just before heading
B.) At 4 inches high D.) When seed head is mature
- B 29.) Which livestock industry has become the most vertically integrated?
A.) Beef Industry C.) Sheep Industry
B.) Swine Industry D.) Goat Industry
- B 30.) Most all "American" breeds like Beefmaster or Santa Gertrudis trace back to which breed?
A.) Angus C.) Charolais
B.) Brahman D.) Dexter
- C 31.) Which is a wholesale cut of beef?
A.) Rack C.) Chuck
B.) Ham D.) Leg
- C 32.) Which breed of bull would be the best choice to breed to large framed, Continental Crossbred cows to moderate frame and improve maternal traits?
A.) Charolais C.) Red Angus
B.) Chianina D.) All are about the same
- C 33.) Which state, east of the Mississippi River, has the largest beef cow herd?
A.) Alabama C.) Kentucky
B.) Florida D.) Tennessee

- B 34.) What is the name for the meat from a sheep that is under 1 year of age?
A.) Cabrito C.) Mutton
B.) Lamb D.) Pork
- C 35.) Which is considered the true stomach of a cow's digestive system?
A.) Reticulum C.) Abomasum
B.) Gall Bladder D.) Cecum
- D 36.) What may cause diarrhea in sheep and goats?
A.) Change in feed ration C.) Internal parasites
B.) Coccidiosis D.) All of these are correct
- B 37.) Where is the best location to look for muscle in market cattle?
A.) Brisket C.) Cod/udder
B.) Stifle D.) Hock
- D 38.) Which of the following is considered a micro mineral?
A.) Selenium C.) Phosphorus
B.) Copper D.) Both A and B are correct
- D 39.) Which would be the cheapest source of feed for beef cattle?
A.) Alfalfa Hay C.) Mixed Grass/Legume Hay
B.) Corn Silage D.) Mixed Grass/Legume Pasture
- A 40.) The term "Cow Hocked" refers to what condition?
A.) Rear feet turn out, hocks turn in C.) Too straight through the hock
B.) Rear feet turn in, hocks turn out D.) Too much set to the hock
- B 41.) What is the "first milk" from a cow called?
A.) Lactation C.) Cream
B.) Colostrum D.) Butterfat
- D 42.) Which genotype in sheep is least resistant to scrapie?
A.) QR C.) DD
B.) RR D.) QQ
- B 43.) When selecting a Landrace boar to produce replacement gilts, which would be most important?
A.) EPD for Pounds of Lean C.) EPD for Backfat
B.) EPD for Number Born Alive D.) Terminal Sire Index
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- D 44.) Which breed of sheep is known for its high maternal traits?
A.) Texal C.) Hampshire
B.) Suffolk D.) Polypay
- A 45.) _____ is the largest all-breed, purebred livestock event in the world with nearly 30,000 entries from 48 states held each fall on "the green chips" in Louisville, Kentucky.
A.) The North American International Livestock Exposition
B.) The Cattlemens Congress
C.) The American Royal
D.) The National Western Stock Show and Rodeo

For questions 46-50 use the scenario and data below to answer the questions.

Angus Bulls

Rank these Angus Bulls to be bred to mature SimAngus cows. All of the calves will be retained and sent to a feedyard for finishing and then marketed on a carcass grid that pays premiums for cattle that qualify for premium beef programs like Certified Angus Beef®. Labor and feed resources are average.

EPDs

Number	Calving Ease Direct	Weaning Weight	Yearling Weight	Milk	Marbling	Ribeye Area	Backfat	\$B
1	+7	+72	+128	+25	+0.89	+0.72	+0.17	+171
2	+12	+65	+112	+35	+0.65	+0.59	+0.29	+150
3	+2	+82	+134	+20	+0.25	+0.77	+0.09	+159
4	+6	+79	+130	+19	+0.98	+0.75	+0.19	+179
Breed Ave	+6	+65	+115	+26	+0.64	+0.63	+0.18	+147

D 46.) Which bull best fits the scenario?

- A.) #1 C.) #3
B.) #2 **D.) #4**

C 47.) Which bull would be the worst choice to breed to heifers?

- A.) #1 **C.) #3**
B.) #2 D.) #4

B 48.) Which bull has the poorest growth EPDs?

- A.) #1 C.) #3
B.) #2 D.) #4

A 49.) Which EPD or Index has no importance in this scenario?

- A.) Milk EPD** C.) Ribeye Area EPD
B.) Marbling EPD D.) \$B

A 50.) Other than the bull you used to answer Question 46 above, which other bull would be an acceptable choice to use in this scenario?

- A.) #1** C.) #3
B.) #2 D.) #4