

Kentucky FFA Livestock Eval CDE Quiz-2024

- B 1.) Which should help to prevent white muscle disease in sheep?
A.) Trace mineral salt C.) Sodium Chloride
B.) Vitamin E and Selenium D.) Ractopamine Hydrochloride
- C 2.) Which is the most commonly used energy feed?
A.) Cottonseed Meal C.) Shelled Corn
B.) Alfalfa Meal D.) Soybean Meal
- B 3.) If someone describes a crossbred gilt as very "maternal", she would most likely be _____.
A.) Shallow bodied, trim, and very heavily muscled
B.) Proportionally balanced, bold ribbed and deep flanked
C.) Very large framed, light muscled, and flat ribbed
D.) Extremely stout boned and very lean
- D 4.) Which breed would be the best choice to improve growth and muscle in a commercial sheep operation?
A.) Suffolk C.) Rambouillet
B.) Hampshire D.) Both A and B are correct
- D 5.) Which would be the measurements for a typical beef carcass?
A.) .40 inches of backfat and a 2.95 square inch ribeye
B.) .45 inches of backfat and a 5.35 square inch ribeye
C.) .25 inches of backfat and a 18.25 square inch ribeye
D.) .45 inches of backfat and a 15.35 square inch ribeye
- D 6.) Which is a ruminant animal?
A.) Cattle C.) Sheep
B.) Pigs D.) Both A and C are correct
- C 7.) What is the gestation length of an Angus Cow?
A.) 113 days C.) 283 Days
B.) 148 days D.) 340 days
- C 8.) Which Body Condition Score would be the fattest in beef cattle?
A.) 1 C.) 7
B.) 3 D.) 20
- D 9.) Which of the following would provide the highest protein content in a show steer ration?
A.) Steam Flaked Corn C.) Tall Fescue Pasture
B.) Orchardgrass Hay D.) Soybean Meal
- A 10.) A ribeye steak should be cooked to what internal temperature to be considered "medium-rare"?
A.) Around 135°F C.) Around 160°F
B.) Around 155°F D.) Around 190°F

- A 11.) Which type of beef cattle operation feeds market cattle out to a finished weight of around 1400 pounds?
A.) Commercial Feedyard C.) Stocker/Background Producer
B.) Veal Calf Producer D.) Seedstock Producer
- D 12.) When should you perform a breeding soundness exam on a bull?
A.) 2 weeks after birth
B.) At weaning time
C.) When he is a yearling
D.) Every year before the breeding season
- C 13.) Which would be most important when selecting a Charolais bull to use on mature angus cows as a terminal sire?
A.) Maternal Calving Ease EPD C.) Weaning Weight EPD
B.) Milk EPD D.) Showring Presence
- A 14.) Which is used to determine USDA Quality Grade in Beef Cattle?
A.) Marbling C.) Size of Ribeye Muscle
B.) Frame Size D.) Breed of live cattle
- D 15.) Where is the National Swine Registry located?
A.) Omaha, Nebraska C.) Des Moines, Iowa
B.) Peoria, Illinois D.) West Lafayette, Indiana
- D 16.) Which heifer would have the most hybrid vigor or heterosis?
A.) Purebred Angus Heifer C.) Angus X Hereford Heifer
B.) Red Angus X Simmental Heifer D.) Brahman X (Hereford X Angus) Heifer
- C 17.) How much does the average market hog weigh going to harvest today?
A.) 105 pounds C.) 285 pounds
B.) 200 pounds D.) 600 pounds
- B 18.) Who is the current President of the Kentucky Cattlemen's Association?
A.) Mr. Warren Beeler C.) Mr. Bradon Burks
B.) Mr. Jeff Pettit 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
- B 20.) If you breed a Homozygous Black Simmental Bull to a herd of Red Angus Cows, which statement is true?
A.) All the calves will be red
B.) All the calves will be black
C.) About half of the calves will be black and the other half red
D.) All the calves will be horned
- A 21.) _____ goats are used for fiber production.
A.) Angora C.) Kiko
B.) Boer D.) Nubian

- P 22.) What practice is used in processing baby pigs?
A.) Docking tails C.) Giving iron injections
B.) Castrating boar pigs D.) All of these are correct
- B 23.) Which market animal would have a dressing percentage around 70%?
A.) Market Goat C.) Market Lamb
B.) Market Hog D.) Market Steer
- D 24.) Which is a British Breed of beef cattle?
A.) Angus C.) Hereford
B.) Red Angus D.) All of these are British Breeds
- D 25.) Which of the following is a cool season grass?
A.) Orchardgrass C.) Tall Fescue
B.) Bermudagrass D.) Both A and C are correct
- C 26.) Which trait responds the best to crossbreeding?
A.) Ribeye Area C.) Conception Rate
B.) Amount of Marbling D.) All of these are the same
- 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
- D 28.) When establishing a new pasture or hayfield, which management practice is important?
A.) Buying certified seed C.) Applying recommended fertilizer and lime
B.) Soil testing D.) All of these are important
- B 29.) Which livestock industry has become the most vertically integrated?
A.) Beef Industry C.) Sheep Industry
B.) Swine Industry D.) Goat Industry
- A 30.) Which breed is used in most Continental Hybrids to make SimGenetic, Balancer, and Lim-Flex cattle?
A.) Angus/Red Angus C.) Hereford
B.) Brahman D.) Shorthorn
- D 31.) Which is a wholesale cut of pork?
A.) Loin C.) Picnic shoulder
B.) Ham D.) All of these are correct
- C 32.) Which breed of bull would be the best choice to cross on Charolais cows to moderate frame and increase maternal traits?
A.) Limousin C.) Red Angus
B.) Chianina D.) None of these would be a good choice
- C 33.) Which state, east of the Mississippi River, has the largest beef cow herd?
A.) Alabama C.) Kentucky
B.) Florida D.) Tennessee

- C 34.) What is the name for the meat from a sheep that is over 1 year of age?
A.) Cabrito C.) Mutton
B.) Lamb D.) Both B and C are correct
- A 35.) Which is **NOT** a part of the pig's digestive system?
A.) Reticulum C.) Small Intestine
B.) Gall Bladder D.) Stomach
- D 36.) What is another name for contagious ecthyma in sheep and goats?
A.) Foot rot C.) Ringworm
B.) Coccidiosis D.) Sore mouth
- D 37.) Where is the best location to look for fat indicators in market cattle?
A.) Fore arm C.) Cod/udder
B.) Brisket D.) Both B and C are correct
- C 38.) Which of the following is considered a macro mineral?
A.) Selenium C.) Phosphorus
B.) Copper D.) Zinc
- C 39.) Which would be the best source of roughage for newly weaned calves?
A.) Alfalfa Hay C.) Long stemmed grass hay
B.) Corn Stalks D.) Vitamin/Mineral Premix
- D 40.) The term "Sickle 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 an ewe called?
A.) Lactation C.) Maternal Milk
B.) Colostrum D.) Butterfat
- C 42.) What is the genotype for a sheep that is a dwarf?
A.) QR C.) DD
B.) FD D.) QQNSFD
- D 43.) When selecting a Duroc boar to produce market hogs, which would be most important?
A.) EPD for 21 Day Litter Weight C.) Maternal Line Index
B.) EPD for Number Born Alive D.) Terminal Sire Index
- D 44.) Which is a hair breed of sheep?
A.) Dorper C.) Katahdin
B.) Suffolk D.) Both A and C are correct
- 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.) KJCA Fall Classic
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.

Hereford Bulls

Rank these Hereford bulls to breed to Red Angus cows to produce replacement heifers for the Premium Red Baldy Program coordinated by the American Hereford Association. Around 75% of all heifer calves will be retained and developed as bred heifers and sold to commercial cow/calf operations. Labor and feed resources are average.

EPDs

Number	Calving Ease Direct	Weaning Weight	Yearling Weight	Maternal Milk	Ribeye Area	Marbling	BMI\$*
1	+3.5	+67	+95	+24	+0.65	+0.30	+395
2	+6.8	+50	+84	+32	+0.45	+0.47	+325
3	+4.2	+59	+90	+25	+0.55	+0.35	+375
4	+1.9	+70	+110	+12	+0.72	+0.56	+351
Breed Ave	+3.0	+55	+88	+26	+0.42	+0.13	+347

*Baldie Maternal Index (BMI\$) - BMI\$ is a maternally focused index that has a production system based on 1,000-Hereford x Angus females with a progeny harvest endpoint directed toward Certified Hereford Beef (CHB®)

- A** 46.) Which bull best fits the scenario?
A.) #1 C.) #3
B.) #2 D.) #4

- B** 47.) Which bull would be the best choice to breed to heifers?
A.) #1 C.) #3
B.) #2 D.) #4

- D** 48.) Which bull is the most terminally oriented?
A.) #1 C.) #3
B.) #2 D.) #4

- D** 49.) Which phenotypic traits are more important in this scenario?
A.) Muscle/Leanness C.) Rib Shape/Volume
B.) Structural Correctness/Soundness D.) Both B and C are Important

- C** 50.) Which bull is the closest to breed average for Maternal Milk?
A.) #1 C.) #3
B.) #2 D.) #4