

**2014 Nebraska State FFA
Livestock Evaluation CDE Exam KEY**

You have 20 minutes to complete the 25-question exam.

You **must** use a #2 pencil to complete the scantron. Use the scantron titled “TEST”.

Completely bubble your responses, we **will not** re-bubble answers for you.

- 1) Which livestock product is the most widely consumed in the United States?
 - a. Lamb
 - b. Goat
 - c. **Beef**
 - d. Pork

- 2) Colder _____ typically causes increased feed consumption in livestock species.
 - a. **Air temperature**
 - b. Water temperature
 - c. Ground temperature
 - d. None of the above

- 3) What nutritional advantage(s) does chicken have over beef?
 - a. **Leaner (less fat content)**
 - b. More zinc and iron
 - c. Higher protein content
 - d. B & C

- 4) Which of the following species are non-ruminants?
 - a. Cattle
 - b. Sheep
 - c. Goats
 - d. **None of the above**

- 5) Zilpaterol is a feed additive for cattle that has come under scrutiny lately for its adverse effects on the cardiovascular system. What actions have been taken by the manufacturer?
 - a. Use of the product restricted to “superior” animals
 - b. **Product taken off the market**
 - c. Formulation of the product changed to make it less potent
 - d. All the above

- 6) The state with the greatest number of cattle on feed currently is?
 - a. **Nebraska**
 - b. Texas
 - c. Oklahoma
 - d. Kansas

- 7) If you were searching for a cattle breed to add muscle and improve yield grades of your fed cattle, which breed would you use in your mating system?
 - a. Angus
 - b. Shorthorn
 - c. Texas Longhorn
 - d. **Charolais**

- 8) What adaptation(s) do Brahman cattle have that allow them to thrive in high heat, high humidity environments?
- Presence of a hump
 - Extra skin (more surface area)
 - Less muscle
 - A & B**
- 9) You are searching for an erect-eared hog breed to build a female base from. Maternal ability, litter size, and milk production are your focal points. What breed should you choose?
- Duroc
 - Pietrain
 - Landrace
 - Yorkshire**
- 10) What is the average feed conversion ratio for hogs?
- 10:1
 - 8:1
 - 7:1
 - 3:1**
- 11) Animal welfare groups have attempted (and succeeded) to push legislation through in various states outlawing _____, which has pushed hog operations across the U.S. to move toward group housing.
- Outdoor pens
 - Gestation crates**
 - A & B
 - None of the above
- 12) The primal cut of pork with the most retail value is?
- Boston Butt
 - Picnic Shoulder
 - Ham
 - Loin**
- 13) What is the range of average loin eye size in the hog industry today?
- 4-6 in²
 - 6-8 in²
 - 8-10 in²**
 - 10-12 in²
- 14) What type of sheep is bred primarily for meat production?
- Fine wool sheep
 - Hair sheep
 - Medium wool sheep**
 - None of the above
- 15) What is considered an “ideal” amount of fat cover for an average market wether?
- 0.15 inches
 - 0.25 inches**
 - 0.35 inches
 - 0.45 inches

- 16) The “hindsaddle” includes what two areas of the sheep?
- Neck and shoulder
 - Shoulder and rib
 - Rib and loin
 - Loin and leg**
- 17) The breed of sheep that you would expect to improve fleece weight and quality the greatest would be?
- Dorset
 - Dorper
 - Rambouillet**
 - Southdown
- 18) The most popular breed of goats in the United States is?
- Nubian
 - Angora
 - Boer**
 - Spanish
- 19) “Cabrito” is the name for meat from a young _____?
- Goat**
 - Sheep
 - Turkey
 - Steer

Questions 20-25 will utilize the following performance data

<u>Performance Balancer Bulls</u>										
	DOB	CE	BW	WW	YW	MK	YG	MB	Actual SC	FM
A	9/12/12	5	3.4	69	100	15	-0.29	0.10	30 cm	35.26
B	10/1/12	10	2.0	70	99	27	-0.24	0.27	34 cm	36.16
C	9/30/12	13	-0.5	60	93	30	-0.01	0.30	36 cm	34.00
D	9/1/12	12	1.0	68	99	26	-0.19	0.23	35 cm	36.21
Avg.		11	0.3	64	95	27	-0.14	0.19	-----	34.14

- 20) “Balancer” is a combination of what two breeds?
- Simmental and Angus
 - Angus and Hereford
 - Hereford and Charolais
 - Gelbvieh and Angus**
- 21) Which bull is the most concerning in terms of testicle size considering age? **A**
- 22) Which bull would you expect to calculate the most desirable CV (Carcass Value) EPD **B**
- 23) Which bull is the most concerning for use on heifers? **A**
- 24) The bull that should sire the group of fed cattle with the most desirable Yield Grade is? **A**
- 25) Which bull has the best spread from BW to YW? **D**