

2006 State Dairy Cattle Judging Contest Exam

1. High potassium intake will decrease a cow's ability to mobilize what?
 - a.) Bone phosphorus
 - b.) Lymphocytes
 - c.) Bone calcium
 - d.) Immunoglobulins
2. In reference to reproduction, what does CL stand for?
 - a.) Cattle Lutalysin
 - b.) Cervix Lymphocyte
 - c.) Compound Luteum
 - d.) Corpus Luteum
3. _____ represents the largest daily input cost to produce milk.
 - a.) Labor
 - b.) Water
 - c.) Animals
 - d.) Feed
4. What does GnRH stand for?
 - a.) Gestation Repression Hormone
 - b.) Genotype Reflection Hormone
 - c.) Goonie Resuscitation Hoovermobile
 - d.) Gonadotropin Releasing Hormone
5. In a cow, where would you find an alveolus?
 - a.) Intestine
 - b.) Udder
 - c.) Brain
 - d.) Skin
6. If there are large numbers of flies around the dairy barn, what should be the first thing to be examined in an attempt to solve the fly problem?
 - a.) Cow feeding procedures
 - b.) Milking procedures
 - c.) Manure handling procedures
 - d.) Calf feeding procedures
7. What structural carbohydrate component makes older plants less digestible than younger plants?
 - a.) Lignin
 - b.) Cellulose
 - c.) Fructose
 - d.) Sucrose
8. When evaluating dairy rations what do the letters NE stand for?
 - a.) Net Equivalence
 - b.) Not Essential
 - c.) Not Edible
 - d.) Net Energy
9. What does NDFM stand for?
 - a.) Nonfat Dry Milk
 - b.) No Fun Dairy Mandate
 - c.) Nonfat Dairy Milk
 - d.) National Forum of Dairy Milkmen
10. In a study of milk parlors conducted by researchers at the University of Florida, how did parallels perform when compared to herringbones?
 - a.) They were twice as slow
 - b.) Parallels outperformed herringbones by nearly 8 percent
 - c.) They performed the same
 - d.) Herringbones outperformed parallels by nearly 8 percent
11. What percentage of whole milk is fat when compared on a dry matter basis?
 - a.) About 10 percent
 - b.) About 50 percent
 - c.) About 25 percent
 - d.) Exactly 100 percent
12. What units are used to measure energy?
 - a.) Calories
 - b.) Grams
 - c.) Liters
 - d.) Tons
13. On average, how many weeks after freshening does a cow's dry matter intake peak?
 - a.) 1-2 weeks
 - b.) 2-4 weeks
 - c.) 12-14 weeks
 - d.) 40-42 weeks
14. How many days after breeding can a pregnancy be detected by ultrasound?
 - a.) Between 28 to 30 days
 - b.) Before 14 days
 - c.) Between 14 and 28 days
 - d.) Between 30 and 55 days
15. What is a cation?
 - a.) A negatively charged ion
 - b.) An uncharged ion
 - c.) A positively charged electron
 - d.) A positively charged ion
16. What is intravenous injection?
 - a.) It is administered in the muscle
 - b.) It is administered under the skin
 - c.) It is the administration of medication to a cow via the blood vessels
 - d.) It requires the tented method
17. What should the pH of a close up Holstein's urine be?
 - a.) Between 1.0 and 2.0
 - b.) Between 2.0 and 3.0
 - c.) Between 6.0 and 6.5
 - d.) Between 12.0 and 13.0
18. What are ways to avoid milk fever in cows?
 - a.) Feed low-potassium hay and/or silage to dry cows
 - b.) Adding anionic salts to the dry cow ration
 - c.) Fasting dry cows two weeks before calving
 - d.) Both a and b
19. When using a body condition scoring system of 1 to 5, what does a score of 5 mean?
 - a.) Extremely thin
 - b.) Average body condition
 - c.) Extremely fat
 - d.) Below average body condition
20. Reduced gestation length and retained placenta typically are the first symptoms of what vitamin inadequacy?
 - a.) Vitamin K
 - b.) Vitamin D
 - c.) Vitamin A
 - d.) Vitamin B
21. What is the hormone that causes milk letdown?
 - a.) Estrogen
 - b.) Progesterone
 - c.) Prostaglandin
 - d.) Oxytocin
22. Each animal inherits certain genes from both parents. What percentage of genes does a calf receive from its sire?
 - a.) 25 percent
 - b.) 50 percent
 - c.) 75 percent
 - d.) 85 percent
23. Name the three common places Coliforms are found.
 - a.) Mud, water, and manure
 - b.) Laboratory, hospitals, and offices
 - c.) Milk, mucus, and water
 - d.) Mud, water, and blood
24. What is the accepted standard length for a lactation record in dairy cattle?
 - a.) 200 days
 - b.) 305 days
 - c.) 365 days
 - d.) 100 days
25. What do the letters FSA stand for?
 - a.) Farm Service Agency
 - b.) Farm Study Agency
 - c.) Farm Sales Agency
 - d.) Farm Safety Administration