1. In a cow calf operation, how much of a typical producer's revenues are from the sale of bulls and cows for slaughter?
   A. 5%
   B. 15 – 20%
   C. 25 - 30%
   D. Don't know

2. According to a 1998 study, the total incidence of injection–site lesions in non–fed (cull) beef is:
   A. 5%
   B. 11%
   C. 29%
   D. Don't know

3. The National Animal ID System (NAIS) database does not contain which of the following types of data:
   A. Premise(s) registration data
   B. Animal ID number
   C. Age, source, and/or process data
   D. Group ID number
   E. Don't know

4. Incidence of birdshot/buckshot has become a quality/food safety issue in the beef industry. True or false?
   A. True
   B. False
   C. Don’t know

5. Which of the following constitute extra-label use of animal health products?
   A. Administering in a different species than stated on the label
   B. Using the product at higher than labeled dosage
   C. All of the above
   D. None of the above
   E. Don’t know

6. Are antibiotic residues a quality and food safety issue in market cows and bulls?
   A. Yes
   B. No
   C. Don’t know
7. Which of the following are not included in the information needed for premise(s) registration?
   A. Number of cattle marketed annually
   B. Name of operation
   C. Date activated or retired
   D. Species of livestock on operation
   E. Don’t know

8. The 2000 National Beef Quality Audit lists 10 quality challenges in the “fed” beef supply (beef from steers and heifers). Which of the following is not a quality challenge listed?
   A. Uniformity and consistency
   B. Injection site lesions
   C. Liver condemnations
   D. Too much hide damage
   E. Insufficient marbling
   F. Don’t know

9. According to the 1999 audit, the value losses per head because of quality defects were $68.82. Is this an improvement from the 1994 level?
   A. Yes
   B. No
   C. Don’t know

10. Do intramuscular (IM) injections affect the tenderness of the meat?
    A. Yes
    B. No
    C. Don’t know

Print this form, complete and return to:
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