1) An experienced palpator can detect pregnancy as early as _______ after breeding?

- 30-35 days: 96 (53%)
- 45-50 days: 66 (36.5%)
- 60-65 days: 16 (8.8%)
- 90-95 days: 3 (1.7%)

2) Which area is not considered a danger point on a beef cow?

- Head: 9 (4.9%)
- Feet: 8 (4.4%)
- Stomach: 105 (57.7%)
- Body Mass: 60 (33%)
3) Which of the following is not a recommended time to evaluate a cow’s body condition score?

40 / 181 correct responses

- At the Beginning of the Breeding Season: 9 (5%)
- 45 Days after Calving: 40 (22.1%)
- 45 Days after Weaning: 17 (9.4%)
- All of the Above are Good Times to Evaluate Body Condition Score: 115 (63.5%)

4) Which of the following USDA carcass grades indicates the highest cutability?

60 / 182 correct responses

- Quality Grade Choice: 20 (11%)
- Quality Grade Prime: 87 (47.8%)
- Yield Grade 1: 60 (33%)
- Yield Grade 5: 15 (8.2%)
5) The first milk given by a cow after her calf is born is known as what?
175 / 182 correct responses

- Lactation: 3 (1.6%)
- Foremilk: 3 (1.6%)
- Colostrum: 175 (96.2%)
- Expressed Milk: 1 (0.5%)

6) How would you describe a cow with a body condition score of 1?
159 / 182 correct responses

- Large Frame: 7 (3.8%)
- Very Thin: 159 (87.4%)
- Very Fat: 5 (2.7%)
- Small Frame: 11 (6%)
7) The money on deposit to ensure performance of a futures contract is called?
58 / 182 correct responses

- Premium: 56 (30.8%)
- Commission: 15 (8.2%)
- Margin: 58 (31.9%)
- Basis: 53 (29.1%)

8) Which of the following feedstuff contains the highest total digestible nutrients (TDN)? *Based on NRC Feed Composition Tables
66 / 182 correct responses

- Corn: 52 (28.6%)
- Corn Gluten: 36 (19.8%)
- Whole Cottonseed: 66 (36.3%)
- Hominy: 28 (15.4%)
9) Which bermudagrass variety is not established from vegetative material?

69 / 181 correct responses

- Alicia: 54 (29.8%)
- Jiggs: 23 (12.7%)
- Coastal: 35 (19.3%)
- Cheyenne: 69 (38.1%)

10) Bacteria, Viruses, and Fungi are all categories of microorganisms which pose potential health threats to cattle. To which of these categories can we attribute Ringworm in cattle?

139 / 181 correct responses

- Bacteria: 16 (8.8%)
- Virus: 26 (14.4%)
- Fungi: 139 (76.8%)
11) What is the maximum amount of vaccine that should be injected in any one injection site?
109 / 180 correct responses

- 5 cc: 29 (16.1%)
- 10 cc: 109 (60.6%)
- 15 cc: 32 (17.8%)
- 20 cc: 10 (5.6%)

12) What digestive problem in cattle occurs when fermented gases are produced faster than they can be disposed of?
150 / 180 correct responses

- Acidosis: 16 (8.9%)
- Hardware Disease: 3 (1.7%)
- Bovine Viral Diarrhea (BVD): 11 (6.1%)
- Bloat: 150 (83.3%)
13) Which of the following minerals is an Antagonist to Copper?
89 / 180 correct responses

- Iron: 16 (8.9%)
- Sulfur: 50 (27.8%)
- Molybdenum: 25 (13.9%)
- √ All of the Above are Antagonist to Copper: 89 (49.4%)

14) How long do Smutgrass seeds remain viable in the soil?
60 / 182 correct responses

- At least 6 months: 15 (8.2%)
- √ At least 2 years: 60 (33%)
- At least 10 years: 68 (37.4%)
- At least 25 years: 39 (21.4%)
15) What mineral do Simmental, Limousin, and Charolais cattle have a higher requirement for than Angus cattle?
49 / 182 correct responses

- Iron: 29 (15.9%)
- Copper: 49 (26.9%)
- Phosphorus: 42 (23.1%)
- Calcium: 62 (34.1%)

16) In freezing weather (approx. 32° F), a beef animal will drink approximately _____ of its body weight per day.
42 / 181 correct responses

- 1-3%: 61 (33.7%)
- 4-6%: 67 (37%)
- 8-10%: 42 (23.2%)
- 13-15%: 11 (6.1%)
17) Scrotal circumference is measured in what unit?

145 / 182 correct responses

- Inches: 14 (7.7%)
- Centimeters: 145 (79.7%)
- Millimeters: 22 (12.1%)
- Grams: 1 (0.5%)

18) If a homozygous polled bull were mated to a horned female, what percentage of their offspring would you expect to be polled?

43 / 181 correct responses

- 0%: 14 (7.7%)
- 25%: 53 (29.3%)
- 50%: 71 (39.2%)
- 100%: 43 (23.8%)
19) What is the average dressing percentage for a finished steer?

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>62% - 65%</td>
<td>92 (51.1%)</td>
</tr>
<tr>
<td>50% - 53%</td>
<td>21 (11.7%)</td>
</tr>
<tr>
<td>67% - 70%</td>
<td>40 (22.2%)</td>
</tr>
<tr>
<td>55% - 58%</td>
<td>27 (15%)</td>
</tr>
</tbody>
</table>

20) Heat synchronization products Estrumate, Lutalyse, and Estroplan all contain which hormone?

<table>
<thead>
<tr>
<th>Hormone</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estrogen</td>
<td>78 (43.1%)</td>
</tr>
<tr>
<td>Progesterone</td>
<td>59 (32.6%)</td>
</tr>
<tr>
<td>Prostaglandin</td>
<td>38 (21%)</td>
</tr>
<tr>
<td>Testosterone</td>
<td>6 (3.3%)</td>
</tr>
</tbody>
</table>
21) What is the recommended area of bunk space for supplementing Feeder Cattle?
87 / 181 correct responses

- 12 inches per head: 31 (17.1%)
- 18 inches per head: 87 (48.1%)
- 24 inches per head: 51 (28.2%)
- 30 inches per head: 12 (6.6%)

Tie Breaker: At weaning a feeder steer weighs 550 pounds. After a 120-day stocker program, the animal weighs in at 725 pounds. What was the animals average daily gain during the stocker phase?
113 / 180 correct responses

- .92 lbs./head/day: 16 (8.9%)
- 1.27 lbs./head/day: 38 (21.1%)
- 1.45 lbs./head/day: 113 (62.8%)
- 1.76 lbs./head/day: 13 (7.2%)