

**Beginning** is 1<sup>st</sup> year members, **Intermediate** is 2-4 year members and **Advanced** is 5 year project members. (*Advanced members can be asked questions from any category and Intermediate can be asked from the beginning section also*).

**Value of Animals Purchased/Owned/Possessed****Beginning**

1. How much did you pay for your steer(s)?
2. How many steers did you purchase?
3. What is the breed of your steer, and what are the characteristics of that breed?

**Intermediate**

4. If your steer is ranch raised and not purchased, what value would you place on him, and why?
5. Please point out in your records how much you purchased your steer for and if it was on a per pound basis or per head basis?
6. Why did you select this specific breeding for your steer? What characteristics were you looking for when you picked your animal?
7. If you could improve your animal, what would it be and why?

**Advanced**

8. Was the price of your steer approximately market value for a steer of his size at the time you purchased him?
9. Please provide from your records when you purchased your animal, from whom you purchased it from and what the steer's weight was when purchased?
10. What is an F1 cross?
11. What is the frame score of your steer?
12. What are some of the characteristics that help to determine if you have a show quality animal.
13. What is "frame score" a measure of?

**Value of Animals Owned at End of Project****Beginning**

1. What have you determined to be the appropriate ending weight for your steer(s)?
2. What is an ideal ending weight for a steer, please talk breed differences, frame, etc.

**Intermediate**

3. How did you determine the appropriate ending weight for your steer(s)?
4. From your records please show your starting weights and how you would figure average daily gain?

**Advanced**

5. What do you estimate the market value of your steer will be per pound at the end of your project?
6. At the estimated market price for your steer, what will be the total cash market value of your steer at the end of the project?

**Feeding Record****Beginning**

1. From your records please show what kind of feed your are feeding your steer and how much?
2. What type of hay is best for your animal?
3. From your records how much did each of your feeds cost per pound?
4. From your records, how much have you spent on feed to date for your project?
5. If your feed is raised at home and not purchased, what is the value of your feed per pound?
6. Why is it important to have consistent feeding times for your steer throughout the project?

**Intermediate**

7. Is your steer a ruminant or mono-gastric animal?
8. What are some examples of feed ingredients that are classified as proteins?
9. What are some examples of feed ingredients that are classified as energy?
10. What is the most essential nutrient for your hog and also the cheapest of all nutrients?
11. On average, how much water does a steer consume on a hot July day?
12. What is the risk associated with feeding barley grain and alfalfa hay together to your steer?

**Advanced**

13. What is the advantage of a ruminant digestive system?
14. What are the five fundamental nutritional requirements of your steer?
15. What is the risk associated with feeding your steer a high grain diet with a low amount of calcium in the diet?

**Market Animal Growth Record****Beginning**

1. From your records please show birth date of your animal?
2. From your records show the weight of your steer at weigh-in?
3. Did you determine an expected finishing weight for your steer? If so, what is it?

4. What is average daily gain, and how is it calculated?
5. What has the average daily gain of your steer been from weigh-in to today?

#### Intermediate

6. How did you determine the expected finishing weight of your steer?
7. Given the beginning weight of your steer, and the expected finishing weight of your steer, what should the average daily gain of your steer be?
8. From your records show your starting weights and how you would figure average daily gain?
9. What factors influenced determining your expected finishing weight for your steer?

#### Advanced

10. What is a "feed conversion ratio"?
11. What has been the feed conversion ratio for your steer from weigh-in to today?

### **Sales Record**

#### Beginning

1. Where do you expect to sell your steer(s)?
2. What do you expect your sales price to be?
3. What strategies do you use to market your steer?
4. Do you advertise to sell your steer?

#### Intermediate

5. Name at least 3 things used to determine how steers qualify for Steer of Merit.
6. What is the difference between wholesale and retail cuts of meat?
7. What is your favorite cut of beef and which part of the animal does it come from?

#### Advanced

8. Given the price you expect to receive for your steer, what is the cost per pound the purchaser will pay for the finished product that goes into their freezer?
9. Name 3 quality grades of beef and the differences between the three.

### **Expenses other than Feed**

#### Beginning & Intermediate

1. Did you borrow money to purchase your steer?
  - a. Did you already pay for your steer, or will you pay for it after it is sold?
  - b. Will you pay interest on the purchase, if payment has not already been made?
2. From your records show if you have had to purchase any equipment or materials to assist in fitting and/or showing your steer at the fair?
3. Have you incurred expenses in preparing to market your steer ie. advertising?

#### Advanced

4. Will you pay income tax on revenues generated by your steer?
5. Right now how much are finished steers selling for throughout the nation?

### **Health Care Chart**

#### Beginning

1. How can you tell if your animal is sick?
2. What should you do if your animal appears to be sick?
3. Have you administered any medicines to your steer and if so what was it?
4. Why is it important to keep a treatment record of your steer.
5. Should all injections be administered to steers in front of or behind the shoulders? Why?

#### Intermediate

6. What should you do if your project animal shows signs of bloat?
7. What is the difference between intramuscular and intranasal.
8. What information should be recorded when an animal is given medication?
9. What is enterotoxemia (over-eating disease)?
10. How can you help prevent enterotoxemia?

#### Advanced

11. Name three routes of administration for medications given to steers.
12. Why do some medicines come in a dark colored glass jar?
13. What is the definition of "withdrawal period" for medications administered to livestock?
14. How many times should you read the label when administering medications to livestock?