

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# FOUNDER HORSE HEALTH



Use the handout and **reliable** outside sources (websites, text book, library) to answer the questions below.

## A. Vocabulary—

1. Founder To become ill from over eating; To be afflicted with laminitis.
2. Laminitis Inflammation of the sensitive laminae of the hoof; also called founder.
3. Metabolize To under go metabolism; The chemical process within a living organism that is necessary for the maintenance of life.
4. Forage Food for domesticated animals; hay, straw, grass, pasture.

## B. Answer the following

1. What are the 2 distinct types of horses that founder?

Those who founder due to change in diet; those that founder due to retained placenta, endotoxemia, colic, hormonal imbalance, etc.

2. Horses who suffer from metabolic syndrome are more susceptible to:

Gaining weight easily and foundering on lush spring pastures.

3. Most horses prone to founder are:

Carbohydrate sensitive and overweight

4. What would a responsible owner do to prevent another founder?

Diet: Avoid feeds that are high in sugar or starch, such as grain-based or sweet feeds. Do not starve the horse to get them to lose weight. Diet should be low in calories but high in fiber. Lots of grass/hay.

5. Why would it be important to know some biology to handle this situation?

Know your horses needs— digestion, nutrients, etc. ; Ability to recognize a problem and fix it.

6. What systems are affected?

Digestive system.

## C. Answer each True/False question and correct each False answer.

1. Starvation is the best way to take weight off a horse. True False

False; a proper diet is low in calories and high in fiber.

2. Feed should be limited amounts- (1.5-2% of the horses body weight) True False

2. True

3. Horses are not designed to live on a forage based diet. True False

3. False; Horses are designed to live on a forage based diet.

4. Hay should be divided into four feedings a day. True False

True

5. 10 gallons of water a day should be given. True False

True

D. List at least 4 careers involved and a description of each:

1. Vet

2. Owner

3. Breeder

4. Nutritionist