

Evaluation

Circle the letter that corresponds to the best answer.

1. Why is it important to determine grassland composition?
 - a. Understanding the condition of the grassland helps the producer estimate its potential for livestock production and wildlife management.
 - b. Improving the plant composition can lengthen the grazing season and improve the use of land.
 - c. Both a. and b. are correct.
 - d. Neither a. nor b. is correct.

Correct answer is c.

2. When evaluating a grassland for wildlife management, which of the following is correct?
 - a. Wildlife require a greater mixture of plants than livestock require.
 - b. Wildlife require the same mixture of plants that livestock require.
 - c. Wildlife require fewer types of plants than livestock require.
 - d. Wildlife do best when there is only one type of plant in the grassland.

Correct answer is a.

3. Crude protein is a measure of _____.
 - a. True protein only
 - b. True protein and nonprotein nitrogen
 - c. True protein and moisture content
 - d. True protein and fiber

Correct answer is b.

4. The percent of a forage that is indigestible is its _____.
 - a. True protein
 - b. Neutral detergent fiber
 - c. Acid detergent fiber
 - d. Nonprotein nitrogen

Correct answer is c.

5. As its ADF increases, a forage _____.
- a. Becomes less digestible and contains less energy
 - b. Becomes less digestible and contains more energy
 - c. Becomes more digestible and contains less energy
 - d. Becomes more digestible and contains more energy

Correct answer is a.

6. The nutritive value of forage crops decreases with maturity because the plants have _____.
- a. Higher crude protein
 - b. Higher net energy
 - c. Lower fiber content
 - d. Higher fiber content

Correct answer is d.

The rest are essay questions.

Complete the following short answer questions.

7. What are the three factors necessary to create a viable grassland for livestock and wildlife?
- a.
 - b.
 - c.
8. What are four items that are examined when forage quality is scientifically analyzed?
9. How can a producer determine grassland composition?