

EVALUATION

Circle the letter that corresponds to the best answer.

1. Which management practice eliminates less desirable traits by removing animals from the breeding program?
 - a. Culling
 - b. Embryo transfer
 - c. Selection index
 - d. Tandem
2. Which of the following is not used when evaluating a young sire to determine whether to include it in a breeding program?
 - a. Genetic selection index
 - b. Pedigree
 - c. Performance record
 - d. Progeny test
3. What management practice allows for the greater improvement of offspring genetics through sire selection?
 - a. Artificial insemination
 - b. Culling
 - c. Embryo transfer
 - d. Pedigree evaluation
4. What is the name of the breeding system that includes outcrossing?
 - a. Crossbreeding
 - b. Inbreeding
 - c. Straight breeding
 - d. Three-breed cross
5. What is the type of breeding used when related animals are bred to maintain a close genetic relationship to an outstanding ancestor?
 - a. Closebreedng
 - b. Line breeding
 - c. Outcrossing
 - d. Purebred

6. What is the breeding system used when a female from one breed is bred to a male of another breed?
- a. Backcrossing
 - b. Hybrid vigor
 - c. Three-breed cross
 - d. Two-breed cross

Complete the following short answer questions.

7. What is the difference between straight breeding and crossbreeding? What is the purpose of each?

8. What are three advantages and three disadvantages of artificial insemination?

Advantages

a.

b.

c.

Disadvantages

d.

e.

f.

9. What are three advantages and three disadvantages of embryo transfer?

Advantages

a.

b.

c.

Disadvantages

a.

b.

c.