

1. Indicate the stage of the bovine estrous cycle that precedes diestrus.
2. Indicate the hormone most important (most prevalent) during diestrus in the non-gravid heifer.
3. 1,000 pounds of bovine milk would contain \_\_\_\_\_ pounds of water.
4. What protein hormone must exhibit a surge release near estrus to induce ovulation in the heifer?
5. Define hysterectomy.
6. Gametogenesis in the stallion produces \_\_\_\_\_.
7. What would you find in the lumen of a gravid porcine uterus?
8. Name the equine ovarian cells that produce estradiol-17 beta.
9. A mature male domestic animal in which both testes have not descended is called a \_\_\_\_\_.
10. Bovine semen consists of \_\_\_\_\_% sperm and \_\_\_\_\_% seminal plasma.
11. Name 3 distinct target tissues for ovarian estradiol-17 beta in the non-gravid cow.
12. This structure is the gatekeeper to the bovine uterus.
13. “\_\_\_\_\_” is Latin for “yellow body.”
14. Currently, \_\_\_\_\_ is the most frequently recommended hormonal treatment for dairy cows with ovarian cysts because it causes the pituitary to release LH and does not result in antibody formation.