

## REVIEW QUESTIONS: CANINE REPRODUCTION

1. Describe the breeding management techniques that can be employed to maximize reproductive efficiency in bitches in a large kennel.
2. What are the indications for A.I. in bitches? Describe the procedure of A.I. to an owner who is interested in using AI for breeding her bitch.
3. Describe the major hormonal patterns during pregnancy in the bitch and indicate the significance of each change.
4. Describe 5 methods used for pregnancy diagnosis in bitches. What are the findings consistent with normal pregnancy with each method?
5. Write a letter to a new owner describing what she should expect to see during the last 3 days of gestation through completion of whelping in her Golden Retriever bitch. Indicate to her when (based on observations) she should call you.
6. You are presented with an estrous maiden bitch that would not stand for the male dog. Describe your examination procedure, including history, and list five possible causes of this problem.

7. Explain the differences between prolonged proestrus and prolonged proestral bleeding. Describe how each condition contributes to subfertility in the bitch.
  
8. What are the 4 main causes of prolonged periods in estrus in bitches?
  
9. Discuss the causes of fetal resorption in bitches. What is the best way to diagnose the problem?
  
10. Under what conditions would you consider medical management of pyometra in bitches?
  
11. List 6 causes of abnormal bloody vaginal discharge in intact bitches
  
12. If you are in charge of a large breeding kennel, list the four most important reproductive hormones you would like to have readily available to you. What is the use of each hormone?
  
13. List the 8 causes of bloody preputial discharge in intact male dogs.
  
14. Construct a summary table of events during the canine estrous cycle including duration/length, reproductive tract, ovarian, behavioral, and hormonal changes.