

AGS 385 Companion Animal Management 1 Exam 3 Study Guide

1. Why do people breed dogs and cats? What are the important factors a breeder should consider before producing a litter?
2. In regards to dogs, what is the minimum threshold of breeding animals that requires a kennel license?
3. How big is the kennel industry in Missouri? What are some of the state programs related to kennels?
4. Age at puberty and variations with breeds/haircoats
5. Basic reproductive anatomy
  - a. What are the different layers of the female tubular tract?
  - b. Know the different ovarian structure
  - c. What happens in the oviduct?
  - d. What is the purpose of the uterus?
  - e. What are the different parts of the vaginal?
  - f. What ligament suspends the uterus in the abdomen?
  - g. What are the placental membranes and what type of placental attachment do dogs and cats have?
  - h. What is the accessory sex gland in the male dog? The tom?
  - i. What specialized erectile tissue does the dog possess in its penis?
  - j. What modifications are found on the penis of the tom? What hormone influences these? Why does he have them?
  - k. What structures are present in the spermatic cord of the dog?
  - l. What cells maintain the sperm?
6. Know the hormones involved in reproduction: their function, where they are produced, what tissue they act on, and if they are protein or steroid/lipid.
7. Be able to describe the structures on the ovary and which parts/cells release what hormones
8. Label at least 4 parts of the follicle receive bonus points for anything extra you correctly label.



# Ags Study Guide

**D Kirk**



## **Ags Study Guide:**

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 $3\text{Ca(OH)}_2 + 1\text{Al}_2\text{SO}_4 \rightarrow 3\text{CaSO}_4 + 2\text{Al(OH)}_3$  type of reaction double displacement  
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 $2\text{Fe} + 3\text{MgO} \rightarrow 2\text{FeO} + 3\text{Mg}$  type of reaction double displacement  
 $4\text{HCl} + 1\text{Ca(OH)}_2 \rightarrow 2\text{H}_2\text{O} + 2\text{CaCl}_2$  type of reaction double displacement

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 $\text{NaOH} + \text{KNO}_3 \rightarrow \text{NaNO}_3 + \text{KOH}$  type of reaction double displacement  
 $2\text{Fe} + 6\text{NaBr} \rightarrow 2\text{FeBr}_3 + 6\text{Na}$  type of reaction single displacement  
 $\text{Ca(OH)}_2 + 2\text{MgSO}_4 \rightarrow 2\text{Mg(OH)}_2 + \text{CaSO}_4$  type of reaction double displacement  
 $4\text{HCl} + 2\text{Fe} \rightarrow 2\text{FeCl}_2 + \text{H}_2$  type of reaction single displacement

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 $2\text{Fe} + 3\text{MgO} \rightarrow 2\text{FeO} + 3\text{Mg}$  type of reaction double displacement  
 $4\text{HCl} + 1\text{Ca(OH)}_2 \rightarrow 2\text{H}_2\text{O} + 2\text{CaCl}_2$  type of reaction double displacement

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