

**Colorado State 4H Dog Project  
Senior Showmanship Questions  
2019**



Q1.

Name three (3) macro-minerals that must be included in a dog's diet.

- A. Calcium, Phosphorus, Sodium, Potassium, Magnesium, Chloride

Q2.

What is the difference between macro-minerals and micro-minerals?

- A. Macro minerals are required in larger amounts in the diet and are found in larger amounts in the body. Micro minerals are required in smaller amounts in the diet and found in smaller amounts in the body.

Q3.

Name the signs of stress in a dog.

- A. Whining, excessive vocalizations, hackles raised along back, dilated pupils, turning head away, avoiding eye contact, shaking, excessive shedding, excessive dandruff, sweaty paws, refusal to eat, diarrhea, vomiting, hiding, distracted or restless, inappropriate urination or defecation.

Q4.

Name the Family, Genus, and Species of the scientific classification of dogs.

- A. Canidae/Canis/Canis Familiaris

Q5.

What do dogs use calming signals/displacement behaviors for?

- A. To maintain a healthy social hierarchy, to decrease a threat, to encourage an approach

Q6.

What are the 10 American Kennel Club's Canine Good Citizen® test items?

- A. 1. Accepting a friendly stranger, 2. Sitting politely for petting, 3. Appearance and Grooming, 4. Walking on a loose lead, 5. Walking through a crowd, 6. Sit and Down on command/Staying in place, 7. Coming when called, 8. Reaction to another dog, 9. Reaction to distractions, 10. Supervised separation

Q7.

What is the mission of the American Kennel Club?

- A. To advocate for the purebred dog as a family companion, advance canine health and well being, work to protect the rights of all dog owners, and promote responsible dog ownership.

Q8.

Name three (3) ways your veterinarian determines whether a vaccination for a particular disease is a core vaccination.

- A. Severity of the disease, geographic location of the veterinary clinic, risk of transmission to the dog.

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Q9.

What are noncore vaccines?

- A. Vaccinations reserved for dogs with individual needs because their lifestyle represents a reasonable risk of infection.

Q10.

What species of roundworms is common to dogs?

- A. *Toxocara canis*

Q11.

Name the six (6) most common internal parasites of dogs.

- A. Roundworms, hookworms, whipworms, tapeworms, heartworms, giardia

Q12.

What kind of parasite is *Giardia intestinalis* and where is it found?

- A. It is a protozoan and is found in the upper small intestine of vertebrates.

Q13.

What might the saliva of fleas cause by biting your dog, and why?

- A. A protein found in flea saliva can cause a condition called Flea Allergy Dermatitis.

Q14.

What are two (2) ways a dog's head can be controlled when stacking a dog?

- A. By holding the collar up behind the dog's ears, by holding the handler's side of the face and jaw.

Q15.

What causes the most common bacterial infection transmitted by dog bites?

- A. Pasteurellosis caused by the *Pasteurella* bacterium

Q16.

Why must a dog with Gastric Dilation-Volvulus (GDV) be treated by a veterinarian immediately?

- A. Because a bloated dog can die within a few hours.

Q17.

What are the ranges of a dog's normal vital signs for temperature, heart rate, and respiration?

- A. Temperature 100.5 – 102.5  
Heart Rate 60 – 160 beats per minute  
Respiration 10 – 30 breaths per minute

Q18.

What are the four (4) principles of operant conditioning?

- A. Positive Reinforcement, Positive Punishment, Negative Punishment, Negative Reinforcement

Q19.

What is the difference between Positive Reinforcement and Negative Punishment?

- A. Positive Reinforcement: dog's behavior makes something good happen  
Negative Punishment: dog's behavior makes something good go away

Q20.

In Operant Conditioning what is the definition of Reinforcement?

- A. Something that increases the chances of a behavior being repeated.

At the State Dog Trial, as part of your Showmanship test, you will also have to identify **5** skeletal parts of the dog. The Skeletal System diagram can be found in the Anatomy and Physiology chapter of your dog manual. Study all parts.