

Exam Title: Vet Assist I

Courses Assessed by this Exam: Vet Assist I (8111510)

Key Vocabulary: castrated, barrow, boar, gilt, steer, CBC, chemistry panel, venipuncture, cephalic, femoral, jugular, saphenous, muzzle, steer, show ring, noose leash, rabies poll, American Curl, Maine Coon, Manx, Persian, bovine, cow, filly, heifer, bull, cow, Belgian Hare, Florida White, Jersey Woolly, Mini-Rex, BAR, Helping Hands, Chinese Crested, Chow Chow, Shar Pei, Shih Tzu, zoonotic, dolphin assisted therapy, hippotherapy, Cerebral Palsy, lateral recumbency, cephalic venipuncture, femoral venipuncture, jugular venipuncture, saphenous venipuncture, canines, hutch burn, ewes, husbandry, bovine, caprine, ocine, porcine, cockerel, pullet, PO, Colic, Colitits-X, Salmonellosis, whinnying, Hookworms, Roundworms, Tapeworms, Whipworms, neuter, companion animal, FFA, Border Collies, AKC, OSHA, toxicity, renal failure, ethylene glycol, NSAIDs, permethrins, vaccines,

Student Tasks:

- Know the characteristics of a barrow, boar, gilt, and steer
- Be able to identify various venipuncture sites and how they relate to patient comfort and/or lateral recumbency.
- Be familiar with CBC and chemistry panels
- Be familiar with various restraints used when performing lab work
- Be able to identify appropriate practice techniques prior to bringing an animal to a show ring.
- Be familiar with appropriate techniques of removing timid or scared animals from kennels.
- Be familiar with common behaviors associated with animals likely to bite
- Know features and characteristics of various cat breeds (i.e. American Curl, Maine Coon, Manx, and Persian)
- Be able to differentiate between common terminology used for a male cat and a female cat.
- Know the various life stages of a male and female bovine and different vocabulary used to differentiate between these life stages.
- Know characteristics and agricultural uses of various rabbit breeds (i.e. Belgian Hare, Florida White, Jersey Woolly, and Mini-Rex)
- Know what the term BAR means as it applies to physical examinations
- Identify the benefits of animal interactions as it applies to the handicapped population. (i.e. hippotherapy, dolphin assisted therapy, seeing eye program, and canine visitors)
- Be familiar with specific dog breeds, their physical characteristics, and potential health issues (i.e. Chinese Crested, Chow, Chow, Shar Pei, Shih Tzu)
- Be able to differentiate between biological, physical, chemical, and zoonotic hazards.

- Be familiar with the key components that led to the development and advancement of companion animal medicine
- Be able to identify best practices with regards to the neutering and spaying of animals
- Identify the benefits of spaying and neutering companion animals
- Be familiar with early 19th century veterinarian practices including the common animal treated.
- Be familiar with the appropriate techniques used for trimming claws
- Be familiar with best practices of raising rabbits (i.e. nutrition, housing, limiting of diseases such as hutch burn)
- Identify best practices and challenges in raising sheep in hot weather climates.
- Be able to identify various categories of husbandry (i.e. bovine, caprine, ovine, porcine, etc.)
- Be familiar with various terminology used to differentiate between the life stages and sexes of chickens.
- Be able to identify directions on a script/prescription and their applications (i.e. PO, BID)
- Be able to diagnose plausible causes of various/unique equestrian behaviors.
- Be able to differentiate between various digestive disorders and their causes (i.e. Colic, Colitis-X, Salmonellosis)
- Be able to differentiate between innate and learned behaviors in canines
- Be familiar with the appropriate procedure for surgical preparation.
- Be familiar with common parasites as they present in canines, and the common symptoms associated with these parasites.
- Know the meaning of several common prefixes AND root words as they relate to veterinarian practices.
- Be familiar with the history of the FFA and key milestones that occurred
- Be familiar with the uses of various Microsoft Office programs and how they can be used in FFA.
- Know the key differences, characteristics, and common breeds of the AKC dog groups
- Know the key functions of the FDA, EPA, USDA, and OSHA
- Be able to identify possible causes of toxicity and renal failure
- Be familiar with the appropriate steps of career planning for veterinary medicine