

**National Board of Veterinary Medical Examiners
North American Veterinary Licensing Examination (NAVLE®)
Job Analysis Report
March 2010**

Diagnoses

I. Canine

- A. Cardiovascular
 - 1. Cardiomyopathies
 - 2. Cardiac arrhythmia
 - 3. Cardiopulmonary arrest
 - 4. Congenital heart abnormalities
 - 5. Congestive heart failure
 - 6. Pericardial disease
 - 7. Valvular heart disease
- B. Endocrine
 - 8. Diabetes mellitus
 - 9. Hyperadrenocorticism
 - 10. Hypoadrenocorticism
 - 11. Hypothyroidism
- C. Gastrointestinal
 - 12. Biliary disease
 - 13. Constipation
 - 14. Dental extractions
 - 15. Dental fractures
 - 16. Dental Malocclusion
 - 17. Diarrhea
 - 18. Dietary indiscretion
 - 19. Endodontic disease
 - 20. Esophageal foreign body
 - 21. Esophagitis
 - 22. Exocrine pancreatic insufficiency
 - 23. Gastric dilatation/volvulus
 - 24. Gastric tumors
 - 25. Gastric ulcers
 - 26. Gastrointestinal foreign body
 - 27. Hemorrhagic gastroenteritis
 - 28. Hepatic cirrhosis
 - 29. Hepatic tumors
 - 30. Hepatitis
 - 31. Inflammatory bowel disease
 - 32. Intestinal neoplasia
 - 33. Intestinal obstruction
 - 34. Intestinal ulcers
 - 35. Intussusception
 - 36. Malnutrition
 - 37. Megaesophagus
 - 38. Oral tumors
 - 39. Pancreatic tumors, exocrine
 - 40. Pancreatitis
 - 41. Periodontal disease/gingivitis
 - 42. Portosystemic shunt / hepatic encephalopathy
 - 43. Regurgitation
 - 44. Retained deciduous teeth
 - 45. Salivary mucocele

- D. Hemic/Lymphatic
 - 46. Anemia (general)
 - 47. Immune mediated hemolytic anemia
 - 48. Immune mediated thrombocytopenia
 - 49. Canine juvenile cellulitis
 - 50. Coagulopathy
 - 51. Hemangiosarcoma
 - 52. Immunodeficiency
 - 53. Lymphadenopathy
 - 54. Lymphosarcoma / leukemia
 - 55. Mast cell tumor
 - 56. Systemic lupus erythematosus
 - 57. Transfusion therapy
- E. Integumentary
 - 58. Abscesses
 - 59. Acral lick granuloma
 - 60. Allergic dermatitis
 - 61. Alopecia
 - 62. Anal sac disease
 - 63. Aural hematoma
 - 64. Bite wounds
 - 65. Burns
 - 66. Decubitus ulcers
 - 67. Dermatophytosis
 - 68. Diseases of claws
 - 69. Diseases of pads
 - 70. Otitis externa/media
 - 71. Porcupine quills
 - 72. Pruritis
 - 73. Pyoderma
 - 74. Seborrhea
 - 75. Skin laceration (such as from acute trauma)
 - 76. Skin tumors
 - 77. Squamous cell carcinoma
- F. Musculoskeletal
 - 78. Degenerative joint diseases
 - 79. Developmental bone disorders
 - 80. Fracture management
 - 81. Hernias, inguinal
 - 82. Hernias, umbilical
 - 83. Hip dysplasia
 - 84. Hip luxation
 - 85. Hypertrophic osteodystrophy
 - 86. Immune mediated joint diseases
 - 87. Lameness
 - 88. Luxating patella
 - 89. Masticatory muscle myositis
 - 90. Osteomyelitis
 - 91. Osteosarcoma
 - 92. Panosteitis
 - 93. Ruptured cranial cruciate ligament
 - 94. Toenail avulsion
- G. Nervous
 - 95. Brain tumor
 - 96. Cauda equina syndrome
 - 97. Cognitive dysfunction
 - 98. Degenerative myelopathy
 - 99. Fibrocartilagenous emboli

- 100. Granulomatous meningoencephalitis
- 101. Horner's syndrome
- 102. Intervertebral disc disease
- 103. Meningitis
- 104. Myasthenia gravis
- 105. Seizure disorders
- 106. Vestibular diseases
- H. Reproductive
 - 107. Cryptorchidism
 - 108. Dystocia management
 - 109. Mammary gland tumors
 - 110. Mastitis
 - 111. Metritis
 - 112. Neonatal care
 - 113. Ovarian remnant syndrome
 - 114. Prostatic abscess/prostatitis
 - 115. Pseudopregnancy
 - 116. Pyometra
 - 117. Retained placenta
 - 118. Sterilization (spay/neuter)
 - 119. Testicular tumors
 - 120. Vaginitis
- I. Respiratory
 - 121. Brachycephalic issues
 - 122. Bronchitis
 - 123. Collapsing trachea
 - 124. Cough
 - 125. Infectious tracheobronchitis (kennel cough)
 - 126. Laryngeal paralysis
 - 127. Nasal disease
 - 128. Nasal tumors
 - 129. Pleuritis
 - 130. Pneumonia
 - 131. Pneumothorax
 - 132. Pulmonary neoplasia
 - 133. Reverse Sneezing
- J. Special Senses
 - 134. Blindness
 - 135. Cataracts
 - 136. Cherry eye
 - 137. Conjunctivitis
 - 138. Corneal diseases
 - 139. Deafness
 - 140. Eyelid disorders
 - 141. Glaucoma
 - 142. Keratoconjunctivitis sicca
 - 143. Otitis interna
 - 144. Retinal diseases
 - 145. Uveitis
- K. Urinary
 - 146. Bladder tumors
 - 147. Chronic kidney disease
 - 148. Cystitis
 - 149. Glomerulonephritis/amyloidosis
 - 150. Pyelonephritis
 - 151. Urethral obstruction
 - 152. Urinary incontinence
 - 153. Urolithiasis

- L. Multi-systems
 - 154. Analgesia
 - 155. Anesthesia
 - 156. Anorexia
 - 157. Ascites
 - 158. Disseminated intravascular coagulation (DIC)
 - 159. Edema, subcutaneous
 - 160. Electric shock
 - 161. Ethylene glycol toxicity
 - 162. Euthanasia
 - 163. Exercise intolerance
 - 164. Fever
 - 165. Fluid therapy
 - 166. Geriatric issues
 - 167. Gunshot
 - 168. Heat prostration
 - 169. Hernias, diaphragmatic
 - 170. Hypercalcemia
 - 171. Hyperkalemia
 - 172. Hypertension
 - 173. Hypocalcemia
 - 174. Hypoglycemia
 - 175. Hypokalemia
 - 176. Icterus
 - 177. Insecticide toxicity
 - 178. Lead poisoning
 - 179. Nutrition for life stages and specific situations
 - 180. Obesity
 - 181. Plant awns
 - 182. Polyuria, polydipsia
 - 183. Proteinuria
 - 184. Pulmonary edema
 - 185. Rodenticide toxicity
 - 186. Sepsis
 - 187. Shock
 - 188. Snake bite
 - 189. Toxic plant ingestion
 - 190. Vehicular trauma
 - 191. Vomiting
 - 192. Weight loss
 - 193. Wound healing
- M. Infectious
 - 194. Blastomycosis
 - 195. Borreliosis (Lyme disease)
 - 196. Canine distemper
 - 197. Canine parvovirus
 - 198. Corona virus
 - 199. Ehrlichiosis
 - 200. Heartworm disease
 - 201. Herpes virus
 - 202. Immunizations
 - 203. Infectious bowel disease (salmonella, cryptosporidiosis, campylobacter)
 - 204. Leptospirosis
 - 205. Methicillin-resistant Staph Aureus infection
 - 206. Parasites (external)
 - 207. Parasites (internal)
 - 208. Rabies
 - 209. Rocky Mountain spotted fever

- 210. Tick paralysis
- 211. Zoonoses
- N. Behavior
 - 212. Aggression
 - 213. Anxiety disorders
 - 214. Compulsive disorders
 - 215. Destructive behaviors
 - 216. Inappropriate elimination
 - 217. Phobias

II. Feline

- A. Cardiovascular
 - 1. Arrhythmias
 - 2. Cardiomyopathy
 - 3. Congestive heart failure
 - 4. Heart murmur
 - 5. Thromboembolic disease
- B. Endocrine
 - 6. Diabetes mellitus
 - 7. Hyperthyroidism
- C. Gastrointestinal
 - 8. Cholangiohepatitis
 - 9. Dental diseases
 - 10. Dental extractions
 - 11. Diarrhea
 - 12. Gastrointestinal adenocarcinoma
 - 13. Gastrointestinal food hypersensitivity
 - 14. Gastrointestinal foreign body
 - 15. Gastrointestinal lymphoma
 - 16. Hepatic lipidosis
 - 17. Inflammatory bowel disease
 - 18. Intussusception
 - 19. Lymphocytic plasmacytic stomatitis
 - 20. Megacolon
 - 21. Oral malignancies
 - 22. Pancreatitis
 - 23. Periodontal disease/gingivitis
 - 24. Regurgitation
 - 25. Tooth abscesses
 - 26. Tooth resorption
 - 27. Trichobezoar
- D. Hemic/Lymphatic
 - 28. Anemia
 - 29. Chylothorax
 - 30. Hemangioma / hemangiosarcoma
 - 31. Lymphosarcoma
 - 32. Mast cell tumor
 - 33. Transfusion reaction
- E. Integumentary
 - 34. Abscesses
 - 35. Allergic dermatitis
 - 36. Alopecia
 - 37. Anal sac disease
 - 38. Aural hematoma
 - 39. Burns
 - 40. Dermatophytosis
 - 41. Ear mites
 - 42. Eosinophilic granuloma complex

- 43. Feline acne
- 44. Fibrosarcomas
- 45. Flea bite dermatitis
- 46. Food allergy
- 47. Otitis externa
- 48. Plasma cell pododermatitis
- 49. Solar dermatitis
- 50. Squamous cell carcinoma
- F. Musculoskeletal
 - 51. Arthritis
 - 52. Fracture management
 - 53. Hernias (umbilical, inguinal)
 - 54. Luxations
 - 55. Onychectomy, tendonectomy
- G. Nervous
 - 56. Horner's syndrome
 - 57. Otitis media
 - 58. Cerebellar hypoplasia
 - 59. Peripheral neuropathy
 - 60. Seizure disorders
 - 61. Vestibular disease
- H. Reproductive
 - 62. Cryptorchidism
 - 63. Dystocia management
 - 64. Mammary adenocarcinoma
 - 65. Mammary hyperplasia
 - 66. Mastitis
 - 67. Neonatal care
 - 68. Ovarian remnant syndrome
 - 69. Pyometra
 - 70. Reproductive disorders
 - 71. Sterilization (spay/neuter)
- I. Respiratory
 - 72. Asthma
 - 73. Chronic bronchitis
 - 74. Chronic sinusitis
 - 75. Metastatic lung disease
 - 76. Nasopharyngeal polyp
 - 77. Pneumonia
 - 78. Pulmonary edema
 - 79. Pyothorax
- J. Special Senses
 - 80. Blindness
 - 81. Cataracts
 - 82. Conjunctivitis
 - 83. Corneal diseases
 - 84. Glaucoma
 - 85. Ocular manifestations of systemic diseases
 - 86. Retinal diseases
 - 87. Uveitis
- K. Urinary
 - 88. Acute renal failure
 - 89. Chronic kidney disease
 - 90. Feline lower urinary tract disease (FLUTD)
 - 91. Idiopathic cystitis
 - 92. Polycystic kidney disease
 - 93. Pyelonephritis
 - 94. Transitional cell carcinoma

- 95. Urethral obstructions
- 96. Urolithiasis
- L. Multi-systems
 - 97. Acetaminophen toxicity
 - 98. Analgesia
 - 99. Anesthesia
 - 100. Anorexia
 - 101. Ascites
 - 102. Aspirin toxicity
 - 103. Coughing
 - 104. Diaphragmatic hernia
 - 105. Disseminated intravascular coagulation (DIC)
 - 106. Electric cord bite
 - 107. Ethylene glycol toxicity
 - 108. Euthanasia
 - 109. Fever
 - 110. Fluid therapy
 - 111. Geriatric issues
 - 112. Hypercalcemia
 - 113. Hypertension
 - 114. Hypokalemia
 - 115. Icterus
 - 116. Ingestion of poisonous plant
 - 117. Insecticide toxicity
 - 118. Malnutrition
 - 119. Methemoglobinemia
 - 120. Neoplastic diseases
 - 121. Nutrition for life stages and specific situations
 - 122. Obesity
 - 123. Polyphagia
 - 124. Polyuria/polydipsia
 - 125. Shock
 - 126. Taurine deficiency
 - 127. Traumatic injury
 - 128. Vomiting
 - 129. Weight loss
- M. Infectious
 - 130. Bartonellosis
 - 131. Cryptococcosis & other fungal respiratory disease
 - 132. Cuterebra
 - 133. Feline immunodeficiency virus
 - 134. Feline infectious anemia (*Mycoplasma haemofelis*)
 - 135. Feline infectious peritonitis virus
 - 136. Feline leukemia virus
 - 137. Heartworm
 - 138. Immunizations
 - 139. Methicillin-resistant Staph Aureus infection
 - 140. Mycobacterial infections
 - 141. Panleukopenia
 - 142. Parasites (external)
 - 143. Parasites (internal)
 - 144. Rabies
 - 145. Salmonellosis
 - 146. Toxoplasmosis
 - 147. Upper respiratory system infections
 - 148. Virulent systemic calicivirus
 - 149. Zoonoses
- N. Behavior

- 150. Aggression
- 151. Anxiety disorders
- 152. Compulsive disorders
- 153. Hyperesthesia
- 154. Inappropriate elimination
- 155. Pica

III. **Pet Birds**

- A. Cardiovascular
 - 1. Atherosclerosis/heart failure
- B. Endocrine
 - 2. Goiter
- C. Gastrointestinal
 - 3. Cloacal prolapse
 - 4. Crop burn
 - 5. Enteritis
 - 6. Impacted crop
 - 7. Proventricular dilatation syndrome
 - 8. Sour crop
- D. Integumentary
 - 9. Beak deformities (congenital and traumatic)
 - 10. Psittacine beak & feather disease
 - 11. Scaly leg (face) mites
- E. Musculoskeletal
 - 12. Fracture management
 - 13. Splay leg
- F. Nervous
 - 14. Seizure disorders
- G. Reproductive
 - 15. Egg binding
 - 16. Egg-related peritonitis
- H. Respiratory
 - 17. Air sac mites
 - 18. Air sacculitis
 - 19. Sinusitis
- I. Urinary
 - 20. Renal adenocarcinoma
- J. Multi-systems
 - 21. Anaphylaxis
 - 22. Euthanasia
 - 23. Gout (articular and visceral)
 - 24. Husbandry
 - 25. Hypocalcemia
 - 26. Hypothermia / hyperthermia
 - 27. Hypovitaminosis A
 - 28. Nutrition/malnutrition
 - 29. Nutritional secondary hyperparathyroidism
 - 30. Pacheco's parrot disease
 - 31. Toxicosis (e.g., lead, teflon, plant, Zinc)
 - 32. Trauma
- K. Infectious
 - 33. Aspergillosis
 - 34. Bumble Foot
 - 35. Candidiasis
 - 36. Cnemidocoptes (scaly leg mite)
 - 37. Coccidiodomycosis
 - 38. Coccidiosis
 - 39. Cryptococcosis
 - 40. Giardiasis

- 41. Histoplasmosis
- 42. Mycobacteriosis
- 43. Newcastle disease
- 44. Polyomavirus
- 45. Psittacosis
- 46. Salmonellosis
- 47. Trichomoniasis
- 48. Viral encephalitis (EEE, WEE, SLE, VEE)
- 49. West Nile virus
- L. Behavior
 - 50. Behavioral Disorders (e.g., feather picking, persistent egg laying)

IV. Other Small Animals

- A. Rabbits
 - 1. Abscesses
 - 2. Antibiotic toxicity
 - 3. Coccidiosis
 - 4. Cuterebra
 - 5. Dental Malocclusion
 - 6. Encephalitis
 - 7. Fractured lumbar spine
 - 8. Gastric trichobezoars
 - 9. GI stasis
 - 10. Heat stroke
 - 11. Housing/husbandry
 - 12. Moist dermatitis
 - 13. Otoacariasis
 - 14. Pasteurellosis
 - 15. Pneumonia
 - 16. Sterilization
 - 17. Splay-leg
 - 18. Tularemia
- B. Ferrets
 - 19. Adrenal tumor
 - 20. Aleutian disease
 - 21. Canine distemper
 - 22. Estrogen toxicity
 - 23. Epizootic catarrhal enteritis
 - 24. Foreign body
 - 25. Heat stroke
 - 26. Heartworm disease
 - 27. Housing/husbandry
 - 28. Influenza
 - 29. Insulinoma
 - 30. Lymphoma
 - 31. Parasites
 - 32. Pneumonia
 - 33. Rabies vaccination
 - 34. Splenomegaly
 - 35. Sterilization
 - 36. Uroliths
- C. Hamsters
 - 37. Abscesses
 - 38. Antibiotic toxicity
 - 39. Demodectic mange
 - 40. Dental Malocclusion
 - 41. Hibernation
 - 42. Lymphocytic choriomeningitis

- 43. Pneumonia
- 44. Proliferative ileitis (i.e., Wet tail)
- 45. Ringworm
- 46. Salmonellosis
- 47. Trauma
- 48. Tumors
- D. Rats & Mice
 - 49. Abscesses
 - 50. Dental malocclusion
 - 51. Ectoparasites
 - 52. Mycoplasma
 - 53. Pneumococcal and pasteurella pneumonia
 - 54. Rat respiratory disease
 - 55. Tumors
 - 56. Ulcerative pododermatitis
 - 57. Wounds
- E. Guinea Pigs
 - 58. Antibiotic toxicity
 - 59. Bacterial enteritis
 - 60. Bacterial pododermatitis
 - 61. Coccidiosis
 - 62. Dental malocclusion
 - 63. Dystocia
 - 64. Heat stress
 - 65. Housing/husbandry
 - 66. Nutrition
 - 67. Pneumonia
 - 68. Pregnancy toxemia
- F. Turtles
 - 69. Abscesses
 - 70. Conjunctivitis
 - 71. Hypovitaminosis A
 - 72. Necrotic stomatitis
 - 73. Nutrition
 - 74. Parasites
 - 75. Pneumonia
 - 76. Salmonellosis
 - 77. Septicemia
 - 78. Soft shell disease
 - 79. Trauma
- G. Snakes
 - 80. Cloacoliths
 - 81. Constipation
 - 82. Dysecdysis
 - 83. Infectious or ulcerative stomatitis
 - 84. Nutrition
 - 85. Parasitic conditions (e.g., Amebiasis, Trichomoniasis)
 - 86. Pneumonia
 - 87. Retained spectacles
 - 88. Septicemia
 - 89. Trauma
- H. Iguanas
 - 90. Abscesses
 - 91. Bladder stones
 - 92. Injury
 - 93. Nutrition
 - 94. Metabolic bone disease
 - 95. Mouth rot

- 96. Skin disease
- 97. Trauma
- I. Primates
 - 98. Behavioral issues
 - 99. Dental disease
 - 100. Gastroenteritis
 - 101. Hepatitis virus infection
 - 102. Herpes virus B
 - 103. Nutrition
 - 104. Rubella
 - 105. Simian AIDS
 - 106. Trauma
 - 107. Tuberculosis

V. Bovine

- A. Cardiovascular
 - 1. Heart failure (pericarditis, endocarditis, high mountain, cor pulmonale)
- B. Gastrointestinal
 - 2. Abomasal disease
 - 3. Aging by dentition
 - 4. Bloat
 - 5. Calf diarrhea
 - 6. Cecal disorders
 - 7. Choke
 - 8. Hemorrhagic bowel syndrome
 - 9. Ingestion of foreign material
 - 10. Liver abscesses
 - 11. Rectal prolapse
- C. Hemic/Lymphatic
 - 12. Lymphosarcoma
- D. Integumentary
 - 13. Dehorning
 - 14. Hoof and claw disorders
 - 15. Interdigital fibroma
 - 16. Mastitis management
 - 17. Mastitis treatment
 - 18. Milking machine management
 - 19. Teat/udder injury
 - 20. Trauma/skin wounds
 - 21. Umbilical hernia
- E. Musculoskeletal
 - 22. Fracture management
 - 23. Lameness
 - 24. Stifle injuries
- F. Nervous
 - 25. Bovine spongiform encephalopathy
 - 26. Peripheral nerve paralysis
 - 27. Traumatic injuries
- G. Reproductive
 - 28. Abortion
 - 29. Anestrus
 - 30. Breeding soundness in bulls
 - 31. Castration
 - 32. Cystic follicular degeneration
 - 33. Dystocia management
 - 34. Early embryo loss
 - 35. Estrus synchronization
 - 36. Freemartin

- 37. Infertility
- 38. Lactation failure
- 39. Metritis-pyometra complex
- 40. Pasteurized milk ordinance
- 41. Pregnancy diagnosis
- 42. Preputial disease
- 43. Retained placenta
- 44. Uterine prolapse
- 45. Vaginal prolapse
- H. Respiratory
 - 46. Bovine respiratory disease complex
 - 47. Bovine respiratory syncytial virus
 - 48. Calf diphtheria
 - 49. Enzootic pneumonia
- I. Special Senses
 - 50. Squamous cell carcinoma/cancer eye
- J. Urinary
 - 51. Urolithiasis
- K. Multi-systems
 - 52. Abscesses
 - 53. Acetonemia/ketosis
 - 54. Ammoniated feed toxicosis
 - 55. Anesthesia (local and regional)
 - 56. Beef quality assurance (injection sites)
 - 57. Downer cow syndrome
 - 58. Drug residue
 - 59. Euthanasia
 - 60. Failure of passive transfer
 - 61. Fat cow syndrome and subclinical fatty liver
 - 62. Hemoglobinuria
 - 63. Hypomagnesemic tetanias
 - 64. Ionophore/monensin/lasalocid toxicosis
 - 65. Lactic acidosis
 - 66. Laminitis
 - 67. Lead toxicosis
 - 68. Nutrition/malnutrition
 - 69. Omphalitis
 - 70. Plant toxicoses
 - 71. Polioencephalomalacia
 - 72. Postparturient paresis
 - 73. Retropharyngeal abscesses
 - 74. Toxemia of pregnancy
 - 75. Traumatic reticuloperitonitis
 - 76. Vitamin and mineral deficiencies and toxicities
 - 77. White muscle disease
- L. Infectious
 - 78. Actinobacillosis
 - 79. Actinomycosis
 - 80. Anaplasmosis
 - 81. Anthrax
 - 82. Bovine leukemia virus
 - 83. Brucellosis
 - 84. BVD-mucosal disease
 - 85. Campylobacteriosis
 - 86. Clostridial diseases
 - 87. Coccidiosis
 - 88. Coronavirus
 - 89. Corynebacterium infection

- 90. Cryptosporidiosis
- 91. Dermatophilosis
- 92. Digital dermatitis (hairy heel warts)
- 93. E coli infections
- 94. Foreign animal diseases (e.g., rinderpest, foot and mouth)
- 95. Haemophilus somnus complex
- 96. Immunizations
- 97. Infectious bovine keratoconjunctivitis
- 98. Infectious bovine rhinotracheitis
- 99. Infectious pododermatitis (footrot)
- 100. Leptospirosis
- 101. Listeriosis
- 102. Lung worms
- 103. Mycoplasmosis
- 104. Mycotoxicoses
- 105. Neosporosis
- 106. Papillomatosis
- 107. Parasites (external)
- 108. Parasites (internal)
- 109. Paratuberculosis
- 110. Pyelonephritis
- 111. Rabies
- 112. Rotavirus
- 113. Salmonellosis
- 114. Staph
- 115. Tetanus
- 116. Thromboembolic meningoencephalitis
- 117. Tritrichomonosis
- 118. Tuberculosis
- 119. Vesicular stomatitis
- 120. Winter dysentery
- 121. Zoonoses
- M. Behavior
 - 122. Aggression

VI. Porcine

- A. Cardiovascular
 - 1. Valvular endocarditis
- B. Gastrointestinal
 - 2. Gastric ulcers
 - 3. Parasites
 - 4. Rectal prolapses
- C. Hemic/Lymphatic
 - 5. Iron-deficiency anemia
- D. Musculoskeletal
 - 6. Hernias
- E. Reproductive
 - 7. Castration
 - 8. Dystocia management
 - 9. Increased non-productive sow days
 - 10. Lactation failure
 - 11. Reduced farrowing rate
 - 12. Reduced litter size
- F. Multi-systems
 - 13. Aflatoxin toxicity
 - 14. Calcium:phosphorus imbalance/deficiency
 - 15. Euthanasia
 - 16. Husbandry

- 17. Hyperthermia
- 18. Other mycotoxicoses
- 19. Pork quality assurance
- 20. Porcine stress syndrome
- 21. Salt poisoning
- 22. Toxic gases
- 23. Vitamin E / selenium deficiency
- G. Infectious
 - 24. Actinobacillus pleuropneumoniae, suis
 - 25. Ascaris suum
 - 26. Atrophic rhinitis
 - 27. Bordetella bronchiseptica
 - 28. Circovirus
 - 29. Clostridium perfringens
 - 30. Coccidiosis
 - 31. Edema disease
 - 32. Enterovirus
 - 33. Erysipelas
 - 34. Escherichia coli
 - 35. Exudative epidermitis
 - 36. Foreign and regulatory diseases
 - 37. Haemophilus parasuis
 - 38. Influenza
 - 39. Immunizations
 - 40. Leptospirosis
 - 41. Lice
 - 42. Mastitis
 - 43. Mycoplasma hyopneumoniae
 - 44. Mycoplasma hyosynoviae
 - 45. Parvovirus
 - 46. Pasteurella multocida
 - 47. Porcine proliferative enteropathies (lawsonia)
 - 48. Porcine respiratory & reproductive syndrome
 - 49. Rotavirus
 - 50. Salmonellosis
 - 51. Sarcoptic mange
 - 52. Serpulina hyodysenteriae (swine dysentery)
 - 53. Streptococcus suis
 - 54. Transmissible gastroenteritis
 - 55. Trichinosis
 - 56. Trichuris suis
- H. Behavior
 - 57. Savaging of piglets
 - 58. Tail biting
 - 59. Piling

VII. **Ovine/Caprine**

- A. Cardiovascular
 - 1. Ionophore toxicity
- B. Gastrointestinal
 - 2. Bloat
 - 3. Rumenitis
- C. Integumentary
 - 4. Hoof and claw disorders
 - 5. Mastitis
- D. Musculoskeletal
 - 6. Lameness
- E. Nervous

- 7. Polioencephalomalacia
- F. Reproductive
 - 8. Castration
 - 9. Dystocia
 - 10. Estrus synchronization
 - 11. Infertility
- G. Respiratory
 - 12. Pneumonia
- H. Urinary
 - 13. Urethral obstruction
 - 14. Urolithiasis
- I. Multi-systems
 - 15. Euthanasia
 - 16. Hypocalcemia
 - 17. Lactic acidosis
 - 18. Meat goat quality assurance
 - 19. Plant toxicity
 - 20. Sheep safety and quality assurance
 - 21. Toxemia of pregnancy
 - 22. Vitamin and mineral deficiencies and toxicities
 - 23. White muscle disease
- J. Infectious
 - 24. Bluetongue
 - 25. Brucellosis
 - 26. Caprine arthritis and encephalitis
 - 27. Caseous lymphadenitis
 - 28. Chlamydial polyarthritis
 - 29. Coccidiosis
 - 30. Colibacillosis
 - 31. Contagious ecthyma
 - 32. Contagious foot rot
 - 33. Enterotoxemia of adult sheep
 - 34. Enterotoxemia of suckling lambs
 - 35. Enzootic abortion of ewes
 - 36. External parasites
 - 37. Foot and mouth disease
 - 38. Hemorrhagic enterotoxemia
 - 39. Immunizations
 - 40. Internal parasites
 - 41. Lamb dysentery
 - 42. Leptospirosis
 - 43. Listeriosis
 - 44. Ovine progressive pneumonia
 - 45. Paratuberculosis
 - 46. Rabies
 - 47. Scabies
 - 48. Scrapie
 - 49. Septicemic pasteurellosis
 - 50. Tetanus
 - 51. Toxoplasmosis
 - 52. Verminous pneumonia
 - 53. Vibriosis

VIII. Cervidae

- 1. Brucellosis
- 2. Castration
- 3. Chronic wasting disease
- 4. Epizootic hemorrhagic disease (EHD)

5. Euthanasia
6. Fracture management
7. Leptospirosis
8. Local and regional anesthesia
9. Necrotic stomatitis / Fusobacterium infections
10. Nutrition
11. Parasites (external and internal)
12. Paratuberculosis
13. Reproduction
14. Trauma
15. Tuberculosis
16. Wound management

IX. Equine

- A. Cardiovascular
 1. Cardiac arrhythmia
 2. Peripheral vascular disease
- B. Endocrine
 3. Equine Cushing's disease
 4. Thyroid dysfunction
- C. Gastrointestinal
 5. Acute colitis / diarrhea
 6. Aging by dentition
 7. Chronic diarrhea / granulomatous enteritis
 8. Colic (medical/surgical)
 9. Dentistry (normal and abnormal)
 10. Duodenitis/proximal jejunitis
 11. Enteroliths
 12. Esophageal obstruction/trauma
 13. Gastrointestinal ulceration
 14. Hepatic disease / biliary disorders
 15. Rectal prolapse
 16. Rectal tears
- D. Hemic/Lymphatic
 17. Acute blood loss
 18. Blood and plasma therapy
 19. Immune deficiency syndromes
 20. Neonatal isoerythrolysis
- E. Integumentary
 21. Allergies/immune hypersensitivity reactions
 22. Cutaneous tumors
 23. Dermatitis
 24. Laceration repair
 25. Mycotic dermatitis
 26. Wound management and first aid
- F. Musculoskeletal
 27. Angular limb deformities
 28. Arthritis, septic and nonseptic
 29. Athletic training injuries
 30. Bowed tendon/ tendinitis /desmitis
 31. Bucked shins
 32. Degenerative joint disease
 33. Developmental orthopedic disease
 34. Disruption of suspensory ligament
 35. Exertional rhabdomyolysis
 36. Flexural deformities
 37. Fracture management
 38. Gait analysis

39. Hernias
40. Hyperkalemic periodic paralysis (HYPP)
41. Intra-articular medications
42. Joint luxations
43. Lameness exam
44. Myositis / myopathy
45. Navicular disease/palmar digital pain
46. Non-septic synovitis/bursitis
47. Osteoarthritis
48. Osteochondrosis/subchondral cysts
49. Rupture of tendon or ligament
50. Septic tenosynovitis
51. Subsolar abscess
- G. Nervous
 52. Cauda equina syndrome
 53. Cervical vertebral malformation
 54. CNS trauma
 55. Degenerative myeloencephalopathy
 56. Equine motor neuron disease
 57. Peripheral neuropathies
 58. Vestibular disease
- H. Reproductive
 59. Abortion
 60. Assisted reproductive technology
 61. Castration
 62. Disorders of the cervix
 63. Dystocia management
 64. Genital abnormalities of the stallion
 65. Lactation abnormalities
 66. Mare and/or stallion infertility
 67. Ovarian abnormalities
 68. Parturition problems
 69. Prefoaling management of the mare
 70. Pregnancy diagnosis
 71. Retained placenta
 72. Twinning
 73. Uterine abnormalities
- I. Respiratory
 74. Chronic obstructive pulmonary disease
 75. Diseases of the pharynx, larynx, and trachea
 76. Exercise-induced pulmonary hemorrhage
 77. Guttural pouch diseases
 78. Nasal passage disorders
 79. Pleuropneumonia
 80. Pneumothorax
- J. Special Senses
 81. Cataracts
 82. Corneal disease
 83. Glaucoma
 84. Night blindness
 85. Ocular trauma
 86. Uveitis
- K. Urinary
 87. Patent urachus
 88. Renal failures
 89. Ruptured bladder
 90. Urinary tract disease
 91. Urogenital injuries

- L. Multi-systems
 - 92. Analgesia
 - 93. Anemia
 - 94. Anesthesia, general
 - 95. Anesthesia, local
 - 96. Anhidrosis
 - 97. Ataxia
 - 98. Disseminated intravascular coagulation
 - 99. Drug toxicities
 - 100. Dysphagia
 - 101. Endotoxemia
 - 102. Euthanasia
 - 103. Exhausted horse syndrome
 - 104. Fluid therapy
 - 105. Geriatric issues
 - 106. Hypocalcemic tetany
 - 107. Insecticide toxicosis
 - 108. Laminitis
 - 109. Moldy hay and other toxins from feed
 - 110. Neoplasia
 - 111. Nutritional disorders (foal)
 - 112. Nutritional disorders (general)
 - 113. Peritonitis
 - 114. Plant or chemical toxicity
 - 115. Prepurchase/insurance exam
 - 116. Pulmonary edema
 - 117. Purpura hemorrhagica
 - 118. Septicemia
 - 119. Snakebite
- M. Infectious
 - 120. Bacterial pneumonia
 - 121. Botulism
 - 122. Clostridial infections
 - 123. Contagious equine metritis
 - 124. Cutaneous habronemiasis
 - 125. Dermatophilosis
 - 126. Ectoparasites
 - 127. Ehrlichiosis/Anaplasmosis
 - 128. Endoparasites
 - 129. Equine infectious anemia
 - 130. Iatrogenic infections
 - 131. Immunizations
 - 132. Ocular infectious disease
 - 133. Omphalophlebitis
 - 134. Potomac horse fever
 - 135. Protozoal myeloencephalitis
 - 136. Rabies
 - 137. Strangles
 - 138. Tetanus
 - 139. Thrush
 - 140. VEE/WEE/EEE
 - 141. Vesicular stomatitis
 - 142. Viral myeloencephalopathy (EHV1)
 - 143. Viral respiratory diseases
 - 144. West Nile virus
- N. Behavior
 - 145. Behavioral disorders

X. Camelidae

1. Angular limb deformity
2. Bovine viral diarrhea
3. Congenital disorders (Atresia choanae, cardiac abnormalities, reproductive malformations)
4. Contagious ecthyma
5. Coronaviral enteritis
6. Colic
7. Dental problems including tooth root abscess
8. Eimeria maculensis
9. External parasites
10. Failure of passive transfer and neonatal sepsis
11. Fatty liver
12. Foot and mouth disease
13. Grain engorgement
14. Heatstroke
15. Hyperglycemia
16. Hyperthermia
17. Hypocalcemia
18. Ill thrift and juvenile llama immunodeficiency syndrome
19. Immunizations
20. Intestinal parasites
21. Johne's disease
22. Ketosis
23. Lameness
24. Mycobacterial diseases
25. Mycoplasma hemolamae
26. Normal reproduction
27. Paralaphostrongylus tenuis (meningeal worm)
28. Pericarditis and epicarditis
29. Phytobezoar colic
30. Ricketts
31. Rogue male syndrome (Berserk male syndrome)
32. Salt poisoning/water intoxication
33. Selenium responsive myopathies
34. Streptococcus zooepidemicus
35. Tetanus
36. Third compartment ulcers
37. Trauma
38. Uterine torsion
39. Vesicular stomatitis

XI. Poultry

- A. Cardiovascular
 1. Cardiomyopathy (round heart / ascites)
- B. Gastrointestinal
 2. Malabsorption syndrome
 3. Necrotic enteritis
- C. Hemic/Lymphatic
 4. Lymphoid leukosis
- D. Musculoskeletal
 5. Deep pectoral myopathy
- E. Multi-systems
 6. Nutritional problems (feed mill errors)
 7. Toxicoses
- F. Infectious
 8. Aspergillosis

9. Avian encephalomyelitis
10. Avian tuberculosis
11. Bordetellosis (turkey coryza)
12. Botulism
13. Candidiasis (thrush)
14. Chlamydiosis (psittacosis / ornithosis)
15. Coccidioidomycosis
16. Coccidiosis
17. Coronaviral enteritis (turkeys)
18. Cryptococcosis
19. Viral encephalitis (e.g., EEE, WEE, SLE, VEE)
20. Erysipelas
21. Fowl cholera (pasteurella)
22. Fowlpox
23. Hemorrhagic enteritis
24. Histomoniasis (turkey blackhead)
25. Histoplasmosis
26. Infectious bronchitis
27. Infectious bursal disease
28. Infectious coryza
29. Infectious laryngotracheitis
30. Influenza
31. Leucocytozoonosis
32. Marek's disease
33. Mycoplasmosis
34. Newcastle disease
35. Parasites, external
36. Parasites, internal
37. Salmonellosis
38. Trichomoniasis (canker)
39. West Nile virus