



## SYLLABUS

### THEORY

#### Head and neck

Affections of the lips and cheek and their treatment. Affections of the tongue and their treatment. Treatment of cleft plate. Nasal polyps. Affections and treatment of guttural pouch empyema, chondroids, tympanitis. Sinusitis pus in the sinus. Affections of the horn and their treatment avulsion of the horn fracture of the horn cancer and fissure in horn), debudding and amputation of the horn affections of the teeth and their treatment. Congenital abnormalities, irregular molars (shear mouth, sharp teeth, wave form mouth, step formed mouth) dental tartar and dental caries dental tumor and periodontal disease. Bishoping, Affections of salivary glands and their treatment (Trauma, sialoliths, salivary cysts, salivary fistula). Affections of the upper and lower jaw and treatment. Affections of the ear and their treatment (haematoma and chronic otorrhoea). Eye: Clinical examination of the eye. Surgical affections of the eye: Entropion, ectropion, tumor of eyelid. Conjunctiva: Conjunctivitis, occlusion of nasolacrimal duct, squint. Eyeball: affections of the eye: hydrophthalmia, glaucoma, tumors of eye, panoptalmia injuries and infections of anterior and posterior chambers. Worm in the eye. Affections of esophagus: choke esophageal stenosis, dilation and diverticulum. Tracheal injuries and tracheal collapse. Affections of pharynx and larynx. Foreign bodies (Oral cavity).

## **Thorax and Abdomen**

Fracture of rib. Perforated wounds, sternal fistula, pneumocele, traumatic pneumothorax, Hernia: classification, etiology diagnosis and treatment, (umbilical, ventral, inguinal, perineal, diaphragmatic). Surgical affections of the stomach in dogs (cardia, pyloric stenosis, torsion). Surgical affections, diagnosis and treatment of stomach in ruminants (ruminal impaction, traumatic reticulitis, diaphragmatic hernia abomasal displacement, omasal impaction). Surgical affections of intestines: intestinal obstruction, intussusception, strangulation (volvulus) in large and small animals. Caecal dilation, torsion. Affections of rectum: prolapse, rectal tear, anal adenitis. Congenital anomalies of colon, rectum, anum. Surgical affections of liver, spleen. Surgical affections of kidney, ureters, urinary bladder. Urolithiasis and urethral stenosis, their sequelae and surgical treatment. Surgical affections of penis and sheath, affections of testicle, scrotum. Surgical affections of udder and teat. Canine mammary neoplasms.

## **PRACTICAL**

### **Head and Neck**

Demonstration of following: Examination of oral cavity. Location of trephining of sinus in equines. Bovine: Amputation of horn, Debedding. Ligation of Stenson's duct, Tooth rasping / floating, otoscopy in dogs, ear haematoma, tracheotomy, oesophagotomy, Ophthalmoscopy, tests for blindness, operation for ectropion, and entropion, enucleation / extirpation of the eye.

### **Thorax And Abdomen**

Demonstration of followings: Surgical approaches to the thorax and abdomen in animals with landmarks for approach to various organs. Thoracocentesis, abdominocentesis. Rumenotomy, gastronomy, eneteronomy, eneteroanastomosis, urethrotomy, vasectomy, ovario hysterectomy, spaying, cystotomy and cystorrhaphy, Caesarean section. Amputation of tail.