



جامعة الموصل - كلية الطب البيطري



مفردات الامتحان التنافسي للتقديم الى الدراسات العليا
ماجستير تشخيصات مرضية بيطرية لسنة ٢٠٢٥-٢٠٢٦

1	Clinical Pathology:
*	Clinical Hematology: Erythrocytes, Leukocytes, Bone Marrow, Hemostasis and Coagulation of Blood.
*	Clinical Chemistry: Basic Procedures, Clinical Enzymology, Biochemical Profiling.
*	Liver and Kidney Functions.
*	Water, Electrolytes, and Acid-Base Balance.
*	Clinical Immunology.
*	Clinical Microbiology.
*	Examinations for Parasites: GIT, Blood, External parasites.
2	Infectious Diseases:
A	Bacterial diseases
*	Clostridial Diseases: Enterotoxemia, Tetanus, Botulism, Bacillary hemoglobinuria, Black leg, Black disease, Braxy, Big head
*	Diseases affected Equine: Glanders, Strangles, Epizootic lymphangitis, Ulcerative lymphangitis
*	Diseases of Alimentary Tract: Colibacillosis, Salmonellosis, Johne's disease, Oral & laryngeal necrobacillosis, Actinomycosis & Actinobacillosis.
*	Multi-organ diseases: Anthrax, Tuberculosis, Hemorrhagic septicemia (and Pasteurellosis)
*	Miscellaneous: Brucellosis, Enzootic abortion in sheep, Listeriosis, Leptospirosis, Contagious bovine pleuropneumonia, Contagious caprine pleuropneumonia, Hemophilus and Moraxella, Contagious bovine pyelonephritis, Pneumonic Pasteurellosis of Cattle, Mastitis, Foot rot, Caseous lymphadenitis of sheep



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B	Viral diseases
*	Gastrointestinal Signs: Food and Mouth Disease, Rinderpest and PPR, Bovine viral diarrhea, Malignant catarrhal Fever, Blue Tongue, Bovine Papular Stomatitis, Viral diarrhea of newborn, Winter dysentery.
*	Respiratory Signs: Equine Viral Rhinopneumonitis, Equine Viral Arteritis, Equine Influenza, Viral Pneumonia, Infectious Bovine Rhinotracheitis.
*	Nervous Signs: Viral Encephalomyelitis, Rabies, Eastern and Western Viral Encephalomyelitis in horse, Border disease.
*	Skin: Contagious Ecthyma, Cow Pox and Pseudocow Pox, Sheep Pox, Lumpy skin disease, Papillomatosis (Warts).
*	Miscellaneous: Equine Infectious Anemia, African Horse Sickness, Bovine Ephemeral Fever, Rift Valley Fever, Akabane Virus Disease, Bovine Viral Leukosis.
C	Parasitic, Fungal, and Prions Diseases
*	Blood Protozoa: Babesiosis, Anaplasmosis, Theileriosis, Trypanosomiasis, Hemoplasmosis.
*	Parasitic Diseases: Toxoplasmosis, Intestinal protozoa, Intestinal helminths, Ectoparasites.
*	Fungal Diseases: Ring worm, Aspergillosis.
*	Diseases caused by Prions: Bovine spongiform encephalopathy, Scrapie



References:

- **For Clinical Pathology:**

- Coles, E. H. (1986). Veterinary clinical pathology. 4th ed., WB Saunders Co Philadelphia, London, Toronto.

- **For Infectious Diseases:**

- Constable PD, Hinchcliff KW, Done SH, et al. (2017). Veterinary Medicine: A Textbook of the Diseases of Cattle, Horses, Sheep, Pigs, and Goats. 11th ed. Elsevier, St. Louis, Missouri, USA.

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- Radostits OM, Clive CG, Hinchcliff KW, Constable PD (2007). Veterinary Medicine: A Textbook of the Diseases of Cattle, Horses, Sheep, Pigs, and Goats. 10th ed. Elsevier, St. Louis, Missouri, USA.