



TEXTBOOK OF ILLUSTRATED VETERINARY PATHOLOGY

As per the updated VCI Syllabus

Since the new VCI course curriculum was implemented, need of a suitable literature for the students of Pathology was felt at many fora, Pathology forms a vital link between basic subjects of anatomy, biochemistry and a physiology on the one hand, and clinical subjects of surgery, gynaecology and medicine, on the other. The students of Veterinary Pathology faced difficulties in understanding exhaustive and voluminous books on the subjects without photographs and illustrations. The main purpose of the Text Book of Illustrated Veterinary Pathology, is to provide the Undergraduate Veterinary Students a textbook with diagrams and photographs to make the text comprehensive. The book is well illustrated and provided with salient features of macroscopic and microscopic observations and divided in six sections as per new VCI syllabus. Section-1 General pathology describes the general features of Pathology including basic information, etiology, disturbances in cell metabolism, growth, circulation, pigment metabolism, necrosis, concretions, inflammation and immunopathological alterations. Section-2 Systemic Pathology covers various pathological conditions of different systems including cutaneous, musculo-skeletal, cardiovascular, respiratory, digestive, urinary, genital, hemopoietic, nervous and eyes and ear. Section-3 includes oncology, clinical pathology and necropsy while Section-4 describes about details of various bacterial, viral, chlamydial, rickettsial, mycoplasmal, parasitic, fungal, spirochaetal, prion, metabolic and toxic disease conditions of domestic animals. Section-5 provides information about the avian inflammation, bacterial, viral, chlamydial, spirochaetal, mycoplasmal, fungal, parasitic, nutritional disease conditions of the poultry including vices and miscellaneous conditions. The last section-6 describes the pathology of various disease conditions in laboratory animals like mice, Guinea pigs, rats, rabbits and wild animals. Differential features of various pathological conditions are incorporated at the appropriate places. This book will provide the knowledge on various pathological conditions mainly prevailed in India. It contains the essence of author's more than 35 years experience of livestock and poultry disease investigations in India. This book will be useful to the undergraduate as well as post graduate students in their study, teachers, field veterinarians, zoo and wild life veterinarians, livestock and poultry breeders and farmers for diagnosis of animal and poultry disease conditions.

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RS Chauhan

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SECTION-I

1. Introduction
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 4. Disturbances in Cell Metabolism
 5. Necrosis, Gangrene and Post-Mortem Changes
 6. Inflammation and Healing
 7. Immunity and Immunopathology
 8. Disturbances in Calcification and Pigment Metabolism
 9. Disturbances in Growth
 10. Concretions
- Illustrations

SECTION-II: SYSTEMIC VETERINARY PATHOLOGY

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 12. Pathology of Musculoskeletal System
 13. Pathology of Cardiovascular System
 14. Pathology Respiratory System
 15. Pathology of Digestive System
 16. Pathology of Hemopoietic and Immune System
 17. Pathology of Urinary System
 18. Pathology of Genital System
 19. Pathology of Nervous System
 20. Pathology of Endocrine System, Eyes and Ear
- Illustrations

SECTION-III

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- Illustrations

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- Illustrations

SECTION-V

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- Illustrations

SECTION-VI

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 57. Diseases of Rabbits
 58. Diseases of Wild Animals
- Illustrations

