Mindluster Platform

About the course Kidney structure

Course Presenter : Bio science

Kidney structure, in this course explore the detailed anatomy of one of the body's most vital organs. In this course, we will learn about the external and internal structure of the kidney, including the renal capsule, cortex, medulla, renal pyramids, calyces, and pelvis. Youâ€™ll also study the nephronâ€”the functional unit of the kidneyâ€”and its components such as the glomerulus, Bowmanâ€™s capsule, proximal and distal convoluted tubules, loop of Henle, and collecting duct system. The course covers the kidneyâ€™s blood supply and filtration structures, helping you understand how blood is filtered and urine is formed. Through clear visuals and explanations, weâ€™ll link kidney structure to its critical roles in homeostasis, fluid regulation, and waste elimination. Ideal for students of medicine, biology, and healthcare, this course builds foundational knowledge in human anatomy and renal physiology. Letâ€™s begin our journey through the structure of the kidney. Bio science

Medical Category's Courses

Course Lesson(58)

Lesson 1 : **Inter 2nd year SYNAPTIC TRANSMISSION ZOOLOGY**

Lesson 2 : **Elephantiasis Wuchereria bancrofti By Phanindra gupta**

Lesson 3 : **Structure and working of Heart By Phanindra gupta**

Lesson 4 : **PLASMODIUM VIVAX IN MAN PHASE BY PHANINDRA**

Lesson 5 : **PLASMODIUM VIVAX IN MOSQUITO PHASE INTER FIRST YEAR BY PHANINDRA**

Lesson 6 : **DIGESTIVE SYSTEM OF PERIPLANETA INTER FIRST YEAR BY PHANINDRA**

Lesson 7 : **ENTAMOEBA HISTOLYTICA BY PHANINDRA**

Lesson 8 : **OOGENESIS INTER 2nd YEAR BSC ZOOLOGY BY PHANINDRA**

Lesson 9 : **Blood circulatory system in cockroach NEET**

Lesson 10 : **STRUCTURE OF KIDNEY BY PHANINDRA GUPTHA**

Lesson 11 : **RIBS BY PHANINDRA GUPTHA**

Lesson 12 : **MALE REPRODUCTIVE SYSTEM BY PHANINDRA GUPTHA NEET LEVEL**

Lesson 13 : **FEMALE REPRODUCTIVE SYSTEM BY PHANINDRA GUPTHA NEET LEVEL**

Lesson 14 : **ANTIGENS IMMUNOGLOBULINS INTER 2nd YEAR BY PHANINDRA GUPTHA**

Lesson 15 : **ANTIBODIES IMMUNOGLOBULINS IMMUNE SYSTEM INTER SECOND YEAR BY PHANINDRA GUPTHA**

Lesson 16 : **PASSAGE OF FOOD THROUGH ALIMENTARY CANAL BY PHANINDRA**

Lesson 17 : **GENETIC INHERITENCE IN HEAMOPHILIA BY PHANINDRA**

Lesson 18 : **POLYGENIC INHERITENCE BY PHANINDRA**

Lesson 19 :
NOTES FOR PLASMODIUM VIVAX IN MAN PHASE INTER 1ST YEAR BY PHANINDRA GUPTA

Lesson 20 :
PLASMODIUM VIVAX IN MOSQUITO PHASE NOTES INTER 1ST YEAR BY PHANINDRA GUPTHA

Lesson 21 :
NOTES FOR STRUCTURE OF HEART internal and external structure INTER 2ND YEAR BY PHANINDRA GUPTA

Lesson 22 : **NOTES FOR WUCHERERIA BANCROFTI INTER 1ST YEAR BY PHANINDRA GUPTA**

Lesson 23 : **ENTAMOEBA HISTOLYTICA NOTES INTER 1ST YEAR BY PHANINDRA GUPTA**

Lesson 24 : **NOTES FOR ASCARIS LUMBRICOIDS INTER 1ST YEAR BY PHANINDRA GUPTA**

Lesson 25 : **NOTES FOR WORKING OF HEART INTER 2 ND YEAR BY PHANINDRA GUPTA**

Lesson 26 :
WHICH TOPIC ARE YOU FEELING DIFFICULT REGARDING BIOLOGY BY PHANINDRA GUPTHA

Lesson 27 : **STRUCTURE OF MULTIPOLAR NEURON BY PHANINDRA GUPTHA**

Lesson 28 : **HAVERSIAN SYSTEM OSTEON INTER 1ST YEAR BY PHANINDRA GUPTHA**

Lesson 29 :
TRANSVERSE BINARY FISSION IN PARAMECIUM INTER 1st YEAR BY PHANINDRA GUPTHA

Lesson 30 :
LONGITUDINAL BINARY FISSION IN EUGLENA INTER 1ST YEAR BY PHANINDRA GUPTHA

Lesson 31 : **NOTES FOR STRUCTURE OF BRAIN AND ITS FUNCTIONS BY PHANINDRA GUPTA**

Lesson 32 :
NOTES FOR DIGESTIVE SYSTEM OF PRIPLANETA AMERICANA BY PHANINDRA GUPTA

Lesson 33 :
RESPIRATORY SYSTEM OF COCKROACH PERIPLANETA INTER 1st YEAR BY PHANINDRA GUPTA

Lesson 34 :
NOTES FOR RESPIRATORY SYSTEM OF COCKROACH PERIPLANETA BY PHANINDRA GUPTA

Lesson 35 :
INTER 2nd YEAR ZOOLOGY IMPORTANT QUESTION BANK PREVIOUS QUESTION PAPERS BY PHANINDRA GUPTA

Lesson 36 :
INTER 1st YEAR ZOOLOGY IMPORTANT QUESTION BANK PREVIOUS QUESTION PAPERS BY PHANINDRA GUPTA

Lesson 37 :
FEMALE REPRODUCTIVE SYSTEM OF COCKROACH PERIPLANETA BY PHANINDRA GUPTA

Lesson 38 :
MALE REPRODUCTIVE SYSTEM OF COCKROACH PERIPLANETA BY PHANINDRA GUPTA

Lesson 39 :
CONNECTIVE TISSUE LOOSE CONNECTIVE TISSUE DENSE CONNECTIVE TISSUE BY PHANINDRA GUPTHA

Lesson 40 : **CARTILAGE TYPES OF CARTILAGES BY PHANINDRA GUPTA**

Lesson 41 : **SPECIES EXAMPLES CLASSIFICATION BY PHANINDRA GUPTA**

Lesson 42 : **STRUCTURE OF AXONEME LATERAL APPENDAGES BY PHANINDRA GUPTHA**

Lesson 43 : **PSEUDOPODIA AMOEBOID MOVEMENT GEL SOL THEORY BY PHANINDRA GUPTHA**

Lesson 44 :

Types of muscles SKELETAL MUSCLE SMOOTH MUSCLE CARDIAC MUSCLE BY PHANINDRA GUPTHA

Lesson 45 :
FORMED ELEMENTS OF BLOOD ERYTHROCYTES LEUCOCYTES BLOOD PLATELETS BY PHANINDRA GUPTHA

Lesson 46 : STRUCTURE AND MECHANISM OF HIV BY PHANINDRA GUPTHA

Lesson 47 : Chromosome structure and it s types By Phanindra guptha

Lesson 48 : Role of harmones in metamorphosis of insects By Phanindra guptha

Lesson 49 :
Metamorphosis Incomplete metamorphosis Complete metamorphosis By Phanindra gupta

Lesson 50 : Part 2 Ophiopluteus Echinopluteus Doliolaria larva Forms of echinodermata larva

Lesson 51 : Part 1 Forms of Echinodermata larva Bipinnaria Brachiolaria Auricularia Larva

Lesson 52 : Food chain in Eco system Types of food chain Bio science

Lesson 53 : Plasmodium vivax in man phase Detailed Step by step NEET Bio science

Lesson 54 : Plasmodium vivax in mosquito phase Detailed NEET Bio science

Lesson 55 : Menstrual cycle Bio science

Lesson 56 : Black fungus Mucormycosis Symptoms Black fungus vs Covid 19 Bio science

Lesson 57 :
Candidiasis Vaginal candidiasis Cutaneous candidiasis Oral candidiasis Causes and Symptoms

Lesson 58 : Erythroblastosis fetalis Hemolytic anemia Rh incompatibility Symptoms Bio science

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