

# DETIL PAKET

APLIKASI BELAJAR KEDOKTERAN **MEDIMAGIC**

# PAKET A (Lengkap)

# 421

Topik Video

| ANATOMY                                       | PHYSIOLOGY                                             | BIOCHEMISTRY                                       | MICROBIOLOGY                                                                             | NEUROANATOMY                                | PATHOLOGY                                                                       |
|-----------------------------------------------|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------|
| 1 General Anatomy                             | 1 Homeostasis of Respiration                           | 1 Acids, bases And Hydrogen Ion Concentration      | 1 Bacterial Genetics                                                                     | 1 BASAL GANGLIA                             | 1 Aberrant Sexual Differentiation Chromosomal Aberrations                       |
| 2 UPPER LIMB                                  | 2 Acidification of Urine                               | 2 Amino Acids                                      | 2 Growth and Multiplication of Bacteria                                                  | 2 BLOOD SUPPLY OF BRAIN I                   | 2 Acute Inflammation                                                            |
| 3 Axilla                                      | 3 Arterial Blood Pressure                              | 3 Bioelements                                      | <b>IMMUNOLOGY</b>                                                                        | 3 BLOOD SUPPLY OF BRAIN II                  | 3 Arthritis                                                                     |
| 3 Back Of Forearm                             | 4 Autonomic Nervous System                             | 4 Bioenergetics                                    | 3 Basic Principles of Immunity and Immunobiology                                         | 4 BRAIN STEM EXTERNAL FEATURES              | 3 Amyloidosis                                                                   |
| 4 Brachial Plexus                             | 5 BASAL Ganglia Connections And Functions              | 5 Biological Oxidation                             | 4 Cell-mediated Immunity                                                                 | 5 CEREBELLUM                                | 4 Aneurysm                                                                      |
| 5 Cubital Fossa                               | 6 Blood                                                | 6 Biosynthesis of Proteins                         | 5 Humoral Immunity                                                                       | 6 CEREBRUM I                                | 5 Apoptosis                                                                     |
| 6 Cutaneous Innervation                       | 7 Body Fluids                                          | 7 Breakdown of Tissue Proteins and Amino Acid Pool | 6 Hypersensitivity Reactions, Part I                                                     | 7 CEREBRUM II                               | 6 Atherosclerosis and Aneurysm                                                  |
| 7 Front Of Arm                                | 8 Cardiac Cycle                                        | 8 Cancer                                           | 7 Hypersensitivity Reactions, Part II                                                    | 8 DURAL VENOUS SINUSES                      | 7 Basics of Neoplasia                                                           |
| 8 Front Of Forearm                            | 9 Cardiac Output                                       | 9 Chemistry of Carbohydrates                       | 8 Measuring Immune Functions                                                             | 9 FOURTH VENTRICLE OF BRAIN                 | 8 Bleeding disorders- ITP (Immune Thrombocytopenia), Hemophilia                 |
| 9 Mammary Glands                              | 10 Cardio Vascular Homeostasis                         | 10 Chemistry of Nucleic Acids                      | 9 <b>BIOCHEMISTRY</b>                                                                    | 10 HYPOTHALAMUS                             | 9 Carcinogenesis                                                                |
| 10 Pectoral Region                            | 11 Cardio Vascular Regulatory Mechanism                | 11 Cholesterol Metabolism                          | 9 Achromycetales                                                                         | 11 LATERAL VENTRICLE OF BRAIN               | 10 Cell Injury                                                                  |
| 11 Posterior Compartment Of Arm               | 12 Cardiovascular Shock                                | 12 Citric Acid Cycle                               | 10 Bacillus Anthracis                                                                    | 12 LIMBIC SYSTEM                            | 11 Chronic Inflammation                                                         |
| 13 Shoulder Girdle                            | 13 Cell                                                | 13 Digestion and Absorption of Carbohydrates       | 11 Brucella                                                                              | 13 MEDULLA- INTERNAL STRUCTURE              | 12 Embolism                                                                     |
| 14 Upper Limb Intra                           | 14 Cell Junction                                       | 14 Digestion and Absorption of Lipids              | 12 Comylobacter                                                                          | 14 MENINGES AND DURAL VENOUS SINUSES        | 13 Healing, Scar and Fibrosis                                                   |
| <b>HEAD AND NECK</b>                          | 15 Cellular Transport                                  | 15 Digestion and Absorption of Proteins            | 13 Corynebacterium Diptheriae                                                            | 15 MIDBRAIN- INTERNAL STRUCTURE             | 14 Hemolytic Anemia-Thalassemia                                                 |
| 15 AL134_Orbit_V2                             | 16 Cerebellum Connections and Functions                | 16 Disposal of Ammonia                             | 14 Helicobacter                                                                          | 16 PONS INTERNAL STRUCTURE                  | 15 Hemolytic anemia- Sickle cell disease, Aplastic anemia                       |
| 16 Anterior Triangle Of Neck                  | 17 Coagulation of Blood                                | 17 DNA Replication                                 | 15 Pseudomonas                                                                           | 17 SPINAL CORD I                            | 16 HIV - Human immunodeficiency Virus                                           |
| 17 Back Of Neck                               | 18 Coronary Circulation Part II                        | 18 Enzyme                                          | 16 Staphylococcus                                                                        | 18 SPINAL CORD II                           | 17 Hyperemia                                                                    |
| 18 Diaphragm                                  | 19 Cytosis                                             | 19 Free Radicals And Antioxidants                  | 17 Vibrio Cholerae                                                                       | 19 THALAMUS                                 | 18 Hypertensibility Reactions Part I                                            |
| 19 External Ear                               | 20 Degeneration and Regeneration of Peripheral Nerv    | 20 General Reactions of Amino Acids                | <b>SYSTEMATIC VIROLOGY</b>                                                               | 20 WHITE MATTER OF CEREBRAL HEMISPHERE      | 18 Hypertensibility Reactions Part II                                           |
| 20 Eyeball                                    | 21 Face 1                                              | 21 Glucocorticoids                                 | 21 Human Immunodeficiency Virus                                                          | <b>HISTOLOGY</b>                            | 20 Infarction                                                                   |
| 21 Face 1                                     | 22 Face 2                                              | 22 Glucose Homeostasis                             | <b>MYCOLOGY</b>                                                                          | 1 Histology of Salivary Glands              | 21 Inflammatory cells and mediators                                             |
| 22 Face 2                                     | 23 Gate Control Theory of Pain                         | 23 Glycolysis                                      | 1 General Properties of Fungi                                                            | 2 Histology of Liver                        | 22 Intraocular Accumulation                                                     |
| 23 Infratemporal Fossa Part 01                | 24 Glomerular Filtration Rate                          | 24 Hemoglobin                                      | <b>CLINICAL / APPLIED MICROBIOLOGY</b>                                                   | 3 Histology of Tongue                       | 23 Introduction and Scope of Pathology                                          |
| 24 Infratemporal Fossa Part 02                | 25 Heart Rate                                          | 25 Hexose Monophosphate Shunt                      | 21 Meningitis                                                                            | 4 Histology of Esophagus                    | 24 Iron deficiency Anemia                                                       |
| 25 Infratemporal Fossa Part 03                | 26 Higher Functions of Nervous System                  | 26 Hormone Function                                | 21 Bacterial genetics - Gene transfer mechanism                                          | 5 Histology of Stomach                      | 25 Irreversible Cell Injury                                                     |
| 26 Joints Of Neck                             | 27 Homeostasis                                         | 27 Human Genome Mapping                            | 22 Basic principles of tumour immunity                                                   | 6 Histology of Small Intestine              | 26 Molecular Basis of Neoplasia A                                               |
| 27 Larynx Part 01                             | 28 Hypoxia                                             | 28 Intermediate Metabolism                         | 23 Leprosy                                                                               | 7 Histology of Large Intestine              | 27 Molecular Basis of Neoplasia B                                               |
| 28 Larynx Part 02                             | 29 Introduction and Functional Anatomy of Kidney       | 29 Introduction to Metabolism                      | 24 Pneumococci                                                                           | 8 Histology of Pancreas                     | 28 Morphological variants of Acute Inflammation                                 |
| 29 Middle Ear                                 | 30 Introduction to Endocrinology                       | 30 Lipids                                          | 25 Pox Virus                                                                             | 9 Histology of Gallbladder                  | 29 Pathologic Calcification                                                     |
| 30 Nasal Cavity Part 01                       | 31 Liver and Gall Bladder                              | 31 Lipogenesis                                     | 26 Salmonella                                                                            | 10 Histology of Spleen                      | 30 Plasma Cell Myeloma                                                          |
| 31 Nasal Cavity Part 02                       | 32 Lymph                                               | 32 Lipoprotein Metabolism                          | 27 Shigella                                                                              | 11 Histology of Peripheral Nerve            | 31 Shock                                                                        |
| 32 Nasal Cavity Part 03                       | 33 Major Actions Of Cortisol And Applied Aspects       | 33 Liver Function Test                             | 28 Tuberculosis                                                                          | 12 Histology of Cerebellum                  | 32 Thyroid tumors                                                               |
| 33 Orbit                                      | 34 Major Actions Of Thyroxin (T3 & T4) and Applied Asp | 34 Mechanism of Action of Epinephrine              | <b>PHARMACOLOGY</b>                                                                      | 13 Histology of Thyroid Gland               | 33 Basal Cell Carcinoma                                                         |
| 34 Parotid Gland                              | 35 Mechanism of Respiration Part 1                     | 35 Mechanism of Action of Insulin and Glucagon     | 1 Adverse drug effects                                                                   | 14 Histology of Suprarenal Gland            | 34 Bone tumors                                                                  |
| 35 Scap                                       | 36 Mechanism of Respiration Part 2                     | 36 Mechanism of Action of Steroids                 | 2 Pharmacokinetics - Part I                                                              | 15 Histology of Ureter                      | 35 Drugs used in Epilepsy                                                       |
| 36 Side Of Neck                               | 37 Mechanism of Concentration of Urine                 | 37 Metabolic Disorders of Amino Acids              | 2 Pharmacokinetics - Part II                                                             | 16 Histology of Urinary Bladder             | 36 Emphysema                                                                    |
| 37 Structures In Neck                         | 38 Movements of GI (Gastrointestinal) Tract Part I     | 38 Metabolism of Aromatic Amino Acids              | 3 Routes of administration of drugs                                                      | 17 Histology of Ovary                       | 37 Gastric Cancer, GIST (gastrointestinal stromal tumor)                        |
| 38 Superficial Fascia And Deep Fascia Of Neck | 39 Movements of GI (Gastrointestinal) Tract Part II    | 39 Metabolism of Calcium                           | <b>CARDIOVASCULAR SYSTEM</b>                                                             | 18 Histology of Uterine Tube                | 38 Hodgkin, NHL (non-Hodgkin lymphoma), Burkitt lymphoma                        |
| 39 Thyroid Gland                              | 40 Muscle Tone                                         | 40 METABOLISM OF CHLORINE                          | 5 Treatment of Congestive Heart Failure CHF                                              | 19 Histology of Testis                      | 39 Leprosy                                                                      |
| 40 Tongue                                     | 41 Nerve Fiber Type and Functions                      | 41 METABOLISM OF CHROMIUM                          | 6 Classification of AntiHypertensive Drugs                                               | 20 Histology of Epididymis                  | 40 Leukemia- ALL (Acute lymphocytic leukemia), AML (Acute myelocytic leukemia)  |
| <b>LOWER LIMB</b>                             | 42 Nerve Injuries                                      | 42 Metabolism of Cobalt                            | 8 Classification of Drugs Used in Angina Pectoris Management Of Hypertensive Emergencies | 21 Histology of Prostate                    | 41 Leukemia- CLL (Chronic lymphocytic leukemia), CML (Chronic myeloid leukemia) |
| 41 Ankle Joint                                | 43 Neuro Muscular Junction                             | 43 Metabolism of Copper                            | 10 Pharmacological Actions of Cardiac Glycosides and Digoxin                             | 22 Histology of Lungs                       | 42 Melanoma                                                                     |
| 42 Anterior And Dorsum Of Foot                | 44 Pancreas                                            | 44 Metabolism of Fluoride                          | 11 Classification of Diuretics                                                           | 23 Histology of Parathyroid Gland           | 43 MYOCARDIAL INFARCTION                                                        |
| 43 Achilles Of Foot                           | 45 Periodic Breathing and Artificial Respiration       | 45 METABOLISM OF FUCTOSE and Galactose             | 12 Therapeutic uses of Diuretics                                                         | 24 Histology of Pituitary Gland             | 44 Necrosis                                                                     |
| 44 Back Of Thigh                              | 46 Physiological Anatomy of Heart                      | 46 METABOLISM OF MANGANESE                         | <b>DRUGS AFFECTING BLOOD AND BLOOD FORMATION</b>                                         | 25 Histology of Cerebral Cortex             | 45 Nephritic Syndrome                                                           |
| 45 Front Of Thigh Part 01                     | 47 Physiological Anatomy of Respiratory System         | 47 METABOLISM OF MOLYBDENUM                        | 13 Drugs inhibiting Platelets Aggregation                                                | 26 Histology of Ganglion                    | 46 Osteomyelitis                                                                |
| 46 Front Of Thigh Part 02                     | 48 Physiological Properties Of Nerve Fibres            | 48 METABOLISM OF PHOSPHORUS                        | 14 Drug Used In Acute and Chronic Gout                                                   | 27 Histology of Muscle                      | 47 Premalignant lesions of the skin and SCC (Squamous Cell Carcinoma)           |
| 47 Gluteal Region                             | 49 Plasma Protein                                      | 49 METABOLISM OF POTASSIUM                         | 15 Iron Deficiency Anemia                                                                | 28 Histology of Parotid Gland               | 48 Thrombosis                                                                   |
| 48 Hip Joint                                  | 50 Platelets                                           | 50 METABOLISM OF PURINES                           | <b>RESPIRATORY SYSTEM</b>                                                                | 29 Histology of Lymph Nodes                 | 49 Transfusion medicine- Hemolytic disease of newborn                           |
| 49 Knee Joint                                 | 51 Properties Of Cardiac Muscle                        | 51 METABOLISM OF SODIUM                            | 16 Bronchial Asthma                                                                      | 30 Histology of Renal Corpuscles            | 50 Tuberculosis                                                                 |
| 50 Lateral Side Of Leg                        | 52 LEAVE AS - BLANK -                                  | 52 METABOLISM OF SULPHUR CONTAINING Amino Acids    | <b>GASTRO-INTESTINAL SYSTEM</b>                                                          | <b>EMBRYOLOGY</b>                           |                                                                                 |
| 51 Medical Compartment Of Thigh               | 53 Pyramidal Tract Course, Functions and Applied Asp   | 53 METABOLISM OF SULPHUR CONTAINING Amino Acids    | 17 Drugs used in Peptic Ulcer and GI diseases                                            | 1 DEVELOPMENT OF FACE, NOSE AND PALATE      |                                                                                 |
| 52 Infratemporal Fossa                        | 54 RBC - Red Blood Cell                                | 54 METABOLISM OF XENOBIOTICS                       | 18 Antiepileptic drugs                                                                   | 2 Cleavage and Morula Formation             |                                                                                 |
| 53 Posterior Compartment Of Leg               | 55 Reflexes                                            | 55 Metabolism of Pottasium                         | 19 Antiepileptic drugs                                                                   | 3 Development of Face, Nose and Palate      |                                                                                 |
| 54 Small Joints Of Foot                       | 56 Regional Circulation Part I                         | 56 Metabolism of Pottasium                         | 20 Chemotherapy of Drugs Used in Viral Infections                                        | 4 Development of Male Reproductive System   |                                                                                 |
| 55 Tibiotalar Joint                           | 57 Renal Blood Flow With Its Measurement               | 57 Metabolism of Purines                           | 21 Chemotherapy of Drugs Used in Enteric fever                                           | 5 Development of Male Reproductive System   |                                                                                 |
| 56 Venous Drainage Of Lower Limb              | 58 Skeletal Muscles                                    | 58 Metabolism of Selenium                          | 22 Chemotherapy of Drugs Used in Viral Infections                                        | 6 Fertilization                             |                                                                                 |
| <b>ADJOMEN AND PELVIS</b>                     | 59 Stomach Functions and Applied Aspects               | 59 Metabolism of Sodium                            | 23 Chemotherapy of Drugs Used in Viral Infections                                        | 7 FOLDING OF EMBRYO                         |                                                                                 |
| 58 A Kidney                                   | 60 Structure And Functions of Nervous Tissues          | 60 Metabolism of Sulphur Containing Amino Acids    | 24 Premalignant Lesions of the skin and squamous cell carcinoma                          | 8 NEURULATION                               |                                                                                 |
| 59 A Rectum                                   | 61 Transport of Gases                                  | 61 Metabolism of Xenobiotics                       | <b>CENTRAL NERVOUS SYSTEM</b>                                                            | 9 OOGENESIS Part 2                          |                                                                                 |
| 60 Abdominal Cavity And Peritoneum            | 62 Tubular Reabsorption and Tubular Secretion          | 62 METABOLISM OF ZINC                              | 22 Local Anesthetics                                                                     | 10 Physiological Aches, Pouches and Cleft   |                                                                                 |
| 61 Anatomy Of Internal Iliac Artery           | 63 Upper And Lower Motor Neuron Lesions                | 63 Oxidation of Fatty Acids                        | 23 Anti fungal agents                                                                    | 11 Placenta and Fetal Membrane              |                                                                                 |
| 62 Anatomy Of Prostate                        | 64 Visual Pathway                                      | 64 Phospholipid Metabolism                         | 24 Basal Cell Carcinoma                                                                  | 12 Primitive Streak and Notochord Formation |                                                                                 |
| 63 Anterior Abdominal Wall 01                 | 65 WBC - White Blood Cell                              | 65 Prostaglandins                                  | 25 Chemotherapy of Drugs Used in Enteric fever                                           | 13 SPERMATOGENESIS                          |                                                                                 |
| 64 Anterior Abdominal Wall 02                 |                                                        | 66 PROTEIN FOLDING                                 | 26 Chemotherapy of Drugs Used in Viral Infections                                        | 14 THE RESPIRATORY SYSTEM                   |                                                                                 |
| 65 Appendix                                   |                                                        | 67 Proteins                                        | 27 Proliferation Lesions of the skin and squamous cell carcinoma                         |                                             |                                                                                 |
| 66 B Anal Canal                               |                                                        | 68 Pyridine Metabolism                             | 28 Chemotherapy of drugs used in malaria                                                 |                                             |                                                                                 |
| 67 Uterus                                     |                                                        | 69 Recombinant DNA and Biotechnology               | 29 Chemotherapy of drugs used in filaria                                                 |                                             |                                                                                 |
| 68 Extra Hepatic Biliary System               |                                                        | 70 Recombination and Repair                        | <b>TOXICOLOGY</b>                                                                        |                                             |                                                                                 |
| 69 Gross Anatomy Of Pelvic Diaphragm          |                                                        | 71 Regulation Of Gene Expression                   | 28 Ethyl and Methyl Alcohols                                                             |                                             |                                                                                 |
| 70 Large Intestine                            |                                                        | 72 Transcription                                   | <b>OTHERS</b>                                                                            |                                             |                                                                                 |
| 71 Liver                                      |                                                        | 73 Vitamin Part 1                                  | 29 Anti-Coagulants                                                                       |                                             |                                                                                 |
| 72 Wide Genetal Organs                        |                                                        | 74 Vitamins Part 2                                 | 30 Chemotherapy of drugs used in filaria                                                 |                                             |                                                                                 |
| 73 OvaryAnd Uterine Tube                      |                                                        |                                                    | 31 Chemotherapy of drugs used in malaria                                                 |                                             |                                                                                 |
| 74 Pancreas                                   |                                                        |                                                    | 32 Drug Interactions                                                                     |                                             |                                                                                 |
| 75 Perineum Part 01                           |                                                        |                                                    | 33 Drugs used in Epilepsy                                                                |                                             |                                                                                 |
| 76 Perineum Part 02                           |                                                        |                                                    | 34 General Anesthetics                                                                   |                                             |                                                                                 |
| 77 Small Intestine                            |                                                        |                                                    | 35 HYPNOTICS IN CLINICAL PRACTICE                                                        |                                             |                                                                                 |
| 78 Spleen                                     |                                                        |                                                    | 36 MYOCARDIAL INFARCTION                                                                 |                                             |                                                                                 |
| 79 Stomach                                    |                                                        |                                                    | 37 Thromolytics and Fibrinolytics                                                        |                                             |                                                                                 |
| 80 Suprarenal Gland                           |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 81 Urethra                                    |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 82 Urinary Bladder                            |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 83 Uterus                                     |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 84 Vagina                                     |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| <b>THORAX</b>                                 |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 85 Blood Supply Of Heart                      |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 86 Bronchopulmonary                           |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 87 Intercostal Space Part 01                  |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 88 Intercostal Space Part 02                  |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 89 Introduction To Thorax And Thoracic Cage   |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 90 Lungs Part 01                              |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 91 Lungs Part 02                              |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 92 Pericardium                                |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 93 Pleura                                     |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 94 Thoracic Duct                              |                                                        |                                                    |                                                                                          |                                             |                                                                                 |
| 95 Trachea                                    |                                                        |                                                    |                                                                                          |                                             |                                                                                 |

| Jumlah Topik Animasi Per Paket |              |     |
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| <b>PAKET A (LENGKAP)</b>       |              |     |
| 1                              | ANATOMY      | 95  |
| 2                              | PHYSIOLOGY   | 65  |
| 3                              | BIOCHEMISTRY | 74  |
| 4                              | NEUROANATOMY | 20  |
| 5                              | HISTOLOGY    | 30  |
| 6                              | EMBRYOLOGY   | 14  |
| 7                              | PATHOLOGY    | 50  |
| 8                              | FORENSIC     | 8   |
| 9                              | MICROBIOLOGY | 28  |
| 10                             | PHARMACOLOGY | 37  |
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**PAKET B** (Relevan Semester 1-2)

**284** Topik Video

| ANATOMY                                       | PHYSIOLOGY                                             | BIOCHEMISTRY                                       | NEUROANATOMY                           | HISTOLOGY                         |
|-----------------------------------------------|--------------------------------------------------------|----------------------------------------------------|----------------------------------------|-----------------------------------|
| 1 General Anatomy                             | 1 Abnormalities of Respiration                         | 1 Acids, bases And Hydrogen Ion Concentration      | 1 BASAL GANGLIA                        | 1 Histology of Salivary Glands    |
| <b>UPPER LIMB</b>                             | 2 Acidification of Urine                               | 2 Amino Acids                                      | 2 BLOOD SUPPLY OF BRAIN I              | 2 Histology of Liver              |
| 2 Axilla                                      | 3 Arterial Blood Pressure                              | 3 Bioelements                                      | 3 BLOOD SUPPLY OF BRAIN II             | 3 Histology of Tongue             |
| 3 Rock Of Forearm                             | 4 Autonomic Nervous System                             | 4 Bioenergetics                                    | 4 BRAIN STEM EXTERNAL FEATURES         | 4 Histology of Esophagus          |
| 4 Brachialis Plexus                           | 5 BASAL Ganglia Connections And Functions              | 5 Biological Oxidation                             | 5 CEREBELLUM                           | 5 Histology of Stomach            |
| 5 Cubital Fossa                               | 6 Blood                                                | 6 Biosynthesis of Proteins                         | 6 CEREBRUM I                           | 6 Histology of Small Intestine    |
| 6 Cutaneous Innervation                       | 7 Body Fluids                                          | 7 Breakdown of Tissue Proteins and Amino Acid Pool | 7 CEREBRUM II                          | 7 Histology of Large Intestine    |
| 7 Front Of Arm                                | 8 Cardiac Cycle                                        | 8 Cancer                                           | 8 DURAL VENOUS SINUSES                 | 8 Histology of Pancreas           |
| 8 Front Of Forearm                            | 9 Cardiac Output                                       | 9 Chemistry of Carbohydrates                       | 9 FOURTH VENTRICLE OF BRAIN            | 9 Histology of Gallbladder        |
| 9 Mammary Glands                              | 10 Cardio Vascular Homeostasis                         | 10 Chemistry of Nucleic Acids                      | 10 HYPOTHALAMUS                        | 10 Histology of Spleen            |
| 10 Pectoral Region                            | 11 Cardio Vascular Regulatory Mechanism                | 11 Cholesterol Metabolism                          | 11 LATERAL VENTRICLE OF BRAIN          | 11 Histology of Peripheral Nerve  |
| 11 Posterior Compartment Of Arm               | 12 Cardiovascular Shock                                | 12 Citric Acid Cycle                               | 12 LIMBIC SYSTEM                       | 12 Histology of Cerebellum        |
| 12 Scapular Region                            | 13 Cell                                                | 13 Digestion and Absorption of Carbohydrates       | 13 MEDULLA- INTERNAL STRUCTURE         | 13 Histology of Thyroid Gland     |
| 13 Shoulder Girdle                            | 14 Cell Junction                                       | 14 Digestion and Absorption of Lipids              | 14 MENINGES AND DURAL VENOUS SINUSES   | 14 Histology of Suprarenal Gland  |
| 14 Upper limb Intro                           | 15 Cellular Transport                                  | 15 Digestion and Absorption of Proteins            | 15 MIDBRAIN- INTERNAL STRUCTURE        | 15 Histology of Uterer            |
| <b>HEAD AND NECK</b>                          | 16 Cerebellum Connections and Functions                | 16 Disposal of Ammonia                             | 16 PONS INTERNAL STRUCTURE             | 16 Histology of Urinary Bladder   |
| 15 A134, Orbit, V2                            | 17 Coagulation of Blood                                | 17 DNA Replication                                 | 17 SPINAL CORD I                       | 17 Histology of Ovary             |
| 16 Anterior Triangle Of Neck                  | 18 Coronary Circulation Part II                        | 18 Enzyme                                          | 18 SPINAL CORD II                      | 18 Histology of Uterine Tube      |
| 17 Rock Of Neck                               | 19 Cytosis                                             | 19 Free Radicals And Antioxidants                  | 19 THALAMUS                            | 19 Histology of Testis            |
| 18 Diaphragm                                  | 20 Degeneration and Regeneration of Peripheral Ner     | 20 General Reactions of Amino Acids                | 20 WHITE MATTER OF CEREBRAL HEMISPHERE | 20 Histology of Epididymis        |
| 19 External Ear                               | 21 ECG- 2 Electrocardiogram                            | 21 Glucosogenesis                                  |                                        | 21 Histology of Prostate          |
| 20 Eyeball                                    | 22 Gate Control Theory of Pain                         | 22 Glucose Homeostasis                             |                                        | 22 Histology of Lungs             |
| 21 Face 1                                     | 23 General Principles of Circulation                   | 23 Glycolysis                                      |                                        | 23 Histology of Parathyroid Gland |
| 22 Face 2                                     | 24 Glomerular Filtration Rate                          | 24 Hemoglobin                                      |                                        | 24 Histology of Pituitary Gland   |
| 23 Infratemporal Fossa Part 01                | 25 Heart Rate                                          | 25 Hexose Monophosphate Shunt                      |                                        | 25 Histology of Cerebral Cortex   |
| 24 Infratemporal Fossa Part 02                | 26 Higher Functions of Nervous System                  | 26 Hormone Function                                |                                        | 26 Histology of Ganglion          |
| 25 Infratemporal Fossa Part 03                | 27 Homeostasis                                         | 27 Human Genome Mapping                            |                                        | 27 Histology of Muscle            |
| 26 Joints Of Neck                             | 28 Hypoxia                                             | 28 Intermediary Metabolism                         |                                        | 28 Histology of Parotid Gland     |
| 27 Larynx Part 01                             | 29 Introduction and Functional Anatomy of Kidney       | 29 Introduction To Metabolism                      |                                        | 29 Histology of Lymph Nodes       |
| 28 Larynx Part 02                             | 30 Introduction to Endocrinology                       | 30 Lipids                                          |                                        | 30 Histology of Renal Corpuscles  |
| 29 Middle Ear                                 | 31 Liver and Gall Bladder                              | 31 Lipogenesis                                     |                                        |                                   |
| 30 Nasal Cavity Part 01                       | 32 Lymph                                               | 32 Lipoprotein Metabolism                          |                                        |                                   |
| 31 Nasal Cavity Part 02                       | 33 Major Actions Of Cortisol And Applied Aspek         | 33 Liver Function Test                             |                                        |                                   |
| 32 Nasal Cavity Part 03                       | 34 Major Actions Of Thyroxin (T3 & T4) and Applied App | 34 Mechanism of Action of Apinephrine              |                                        |                                   |
| 33 Orbit                                      | 35 Mechanics of Respiration Part I                     | 35 Mechanism of Action of Epinephrine              |                                        |                                   |
| 34 Parotid Gland                              | 36 Mechanics of Respiration Part 2                     | 36 Mechanism of Action of insulin and Glucagon     |                                        |                                   |
| 35 Scalp                                      | 37 Mechanism of Concentration of Urine                 | 37 Mechanism of Action of Steroids                 |                                        |                                   |
| 36 Side Of Neck                               | 38 Movements of GI (Gastrointestinal) Tract Part I     | 38 Metabolic Disorders of Amino Acids              |                                        |                                   |
| 37 Structures in Neck                         | 39 Movements of GI (Gastrointestinal) Tract Part II    | 39 Metabolism of Aromatic Amino Acids              |                                        |                                   |
| 38 Superficial Fascia And Deep Fascia Of Neck | 40 Muscle Tone                                         | 40 Metabolism of Calcium                           |                                        |                                   |
| 39 Thyroid Gland                              | 41 Nerve Fiber Type and Functions                      | 41 METABOLISM OF CHLORINE                          |                                        |                                   |
| 40 Tongue                                     | 42 Nerve Injuries                                      | 42 Metabolism of Chromium                          |                                        |                                   |
| <b>LOWER LIMB</b>                             | 43 Neuro Muscular Junction                             | 43 Metabolism of Cobalt                            |                                        |                                   |
| 41 Ankle Joint                                | 44 Pancreas                                            | 44 Metabolism of Copper                            |                                        |                                   |
| 42 Anterior And Dorsum Of Foot                | 45 Periodic Breathing and Artificial Respiration       | 45 METABOLISM OF FLUORIDE                          |                                        |                                   |
| 43 Arches Of Foot                             | 46 Physiological Anatomy of Heart                      | 46 Metabolism of Fructose and Galactose            |                                        |                                   |
| 44 Rock Of Thigh                              | 47 Physiological Anatomy of Respiratory System         | 47 Metabolism of Glycine and Serine                |                                        |                                   |
| 45 Front Of Thigh Part 01                     | 48 Physiological Properties Of Nerve Fibres            | 48 Metabolism of Histidine and Arginine            |                                        |                                   |
| 46 Front Of Thigh Part 02                     | 49 Plasma Protein                                      | 49 METABOLISM OF IODINE                            |                                        |                                   |
| 47 Gluteal Region                             | 50 Platelets                                           | 50 Metabolism of Iron                              |                                        |                                   |
| 48 Hip Joint                                  | 51 Properties Of Cardiac Muscle                        | 51 Metabolism of Keto Bodies                       |                                        |                                   |
| 49 Knee Joint                                 | 52 LEAVE AS - BLANK                                    | 52 METABOLISM OF MAGNESIUM                         |                                        |                                   |
| 50 Lateral Side Of Leg                        | 53 Pyrimidal Tract Course, Functions and Applied App   | 53 METABOLISM OF MANGANESE                         |                                        |                                   |
| 51 Medial Compartment Of Thigh                | 54 RBC - Red Blood Cell                                | 54 METABOLISM OF MOLYBDENUM                        |                                        |                                   |
| 52 Popliteal Fossa                            | 55 Reflexes                                            | 55 Metabolism of Phosphorus                        |                                        |                                   |
| 53 Posterior Compartment Of Leg               | 56 Regional Circulation Part I                         | 56 Metabolism of Potassium                         |                                        |                                   |
| 54 Small Joints Of Foot                       | 57 Renal Blood Flow With Its Measurement               | 57 Metabolism of Purines                           |                                        |                                   |
| 55 Sole Of Foot                               | 58 Skeletal Muscles                                    | 58 Metabolism of Selenium                          |                                        |                                   |
| 56 Tibiofibular Joint                         | 59 Stomach Functions and Applied Aspects               | 59 Metabolism of Sodium                            |                                        |                                   |
| 57 Venous Drainage Of Lower Limb              | 60 Structure And Functions of Nervous Tissues          | 60 Metabolism of Sulphur Containing Amino Acids    |                                        |                                   |
| <b>ABDOMEN AND PELVIS</b>                     | 61 Transport of Gases                                  | 61 Metabolism of Xenobiotics                       |                                        |                                   |
| 58 A Kidney                                   | 62 Tubular Reabsorption and Tubular Secretion          | 62 METABOLISM OF ZINC                              |                                        |                                   |
| 59 A Rectum                                   | 63 Upper and Lower Motor Neuron Lesions                | 63 Oxidation of Fatty Acids                        |                                        |                                   |
| 60 Abdominal Cavity And Peritoneum            | 64 Visual Pathway                                      | 64 Phospholipid Metabolism                         |                                        |                                   |
| 61 Anatomy Of Internal Ilac Artery            | 65 WBC - White Blood Cell                              | 65 Prostaglandins                                  |                                        |                                   |
| 62 Anatomy Of Prostate                        |                                                        | 66 PROTEIN FOLDING                                 |                                        |                                   |
| 63 Anterior Abdominal Wall 01                 |                                                        | 67 Proteins                                        |                                        |                                   |
| 64 Anterior Abdominal Wall 02                 |                                                        | 68 Pyrimidine Metabolism                           |                                        |                                   |
| 65 Appendix                                   |                                                        | 69 Recombinant DNA and Biotechnology               |                                        |                                   |
| 66 B Anal Canal                               |                                                        | 70 Recombination and Repair                        |                                        |                                   |
| 67 B Ureters                                  |                                                        | 71 Regulation Of Gene Expression                   |                                        |                                   |
| 68 Extra Hepatic Biliary System               |                                                        | 72 Transcription                                   |                                        |                                   |
| 69 Gross Anatomy Of Pelvic Diaphragm          |                                                        | 73 Vitamin Part 1                                  |                                        |                                   |
| 70 Large Intestine                            |                                                        | 74 Vitamins Part 2                                 |                                        |                                   |
| 71 Liver                                      |                                                        |                                                    |                                        |                                   |
| 72 Male Genetal Organs                        |                                                        |                                                    |                                        |                                   |
| 73 OvaryAnd Uterine Tube                      |                                                        |                                                    |                                        |                                   |
| 74 Pancreas                                   |                                                        |                                                    |                                        |                                   |
| 75 Perium Part 01                             |                                                        |                                                    |                                        |                                   |
| 76 Perium Part 02                             |                                                        |                                                    |                                        |                                   |
| 77 Small Intestine                            |                                                        |                                                    |                                        |                                   |
| 78 Spleen                                     |                                                        |                                                    |                                        |                                   |
| 79 Stomach                                    |                                                        |                                                    |                                        |                                   |
| 80 Suprarenal Gland                           |                                                        |                                                    |                                        |                                   |
| 81 Urethra                                    |                                                        |                                                    |                                        |                                   |
| 82 Urinary Bladder                            |                                                        |                                                    |                                        |                                   |
| 83 Uterus                                     |                                                        |                                                    |                                        |                                   |
| 84 Vagina                                     |                                                        |                                                    |                                        |                                   |
| <b>THORAX</b>                                 |                                                        |                                                    |                                        |                                   |
| 85 Blood Supply Of Heart                      |                                                        |                                                    |                                        |                                   |
| 86 Esophagus                                  |                                                        |                                                    |                                        |                                   |
| 87 Intercostal Space Part 01                  |                                                        |                                                    |                                        |                                   |
| 88 Intercostal Space Part 02                  |                                                        |                                                    |                                        |                                   |
| 89 Introduction To Thorax And Thoracic Cage   |                                                        |                                                    |                                        |                                   |
| 90 Lungs Part 01                              |                                                        |                                                    |                                        |                                   |
| 91 Lungs Part 02                              |                                                        |                                                    |                                        |                                   |
| 92 Pericardium                                |                                                        |                                                    |                                        |                                   |
| 93 Pleura                                     |                                                        |                                                    |                                        |                                   |
| 94 Thoracic Duct                              |                                                        |                                                    |                                        |                                   |
| 95 Trachea                                    |                                                        |                                                    |                                        |                                   |

| Jumlah Topik Animasi Per Paket     |              |            |
|------------------------------------|--------------|------------|
| <b>PAKET B (RELEVAN SMT 1 - 2)</b> |              |            |
| 1                                  | ANATOMY      | 95         |
| 2                                  | PHYSIOLOGY   | 65         |
| 3                                  | BIOCHEMISTRY | 74         |
| 4                                  | NEUROANATOMY | 20         |
| 5                                  | HISTOLOGY    | 30         |
| <b>Jumlah Topik Dapat Diakses</b>  |              | <b>284</b> |

**PAKET C** *(Relevan minimal semester 1-2)*

**180** Topik Video

| ANATOMY                                       | PHYSIOLOGY                                             | NEUROANATOMY                           |
|-----------------------------------------------|--------------------------------------------------------|----------------------------------------|
| 1 General Anatomy                             | 1 Abnormalities of Respiration                         | 1 BASAL GANGLIA                        |
| <b>UPPER LIMB</b>                             | 2 Acidification of Urine                               | 2 BLOOD SUPPLY OF BRAIN I              |
| 2 Axilla                                      | 3 Arterial Blood Pressure                              | 3 BLOOD SUPPLY OF BRAIN II             |
| 3 Back Of Forearm                             | 4 Autonomic Nervous System                             | 4 BRAIN STEM EXTERNAL FEATURES         |
| 4 Brachial Plexus                             | 5 BASAL Ganglia Connections And Functions              | 5 CEREBELLUM                           |
| 5 Cubital Fossa                               | 6 Blood                                                | 6 CEREBRUM I                           |
| 6 Cutaneous Innervation                       | 7 Body Fluids                                          | 7 CEREBRUM II                          |
| 7 Front Of Arm                                | 8 Cardiac Cycle                                        | 8 DURAL VENOUS SINUSES                 |
| 8 Front Of Forearm                            | 9 Cardiac Output                                       | 9 FOURTH VENTRICLE OF BRAIN            |
| 9 Mammary Glands                              | 10 Cardio Vascular Homeostasis                         | 10 HYPOTHALAMUS                        |
| 10 Pectoral Region                            | 11 Cardio Vascular Regulatory Mechanism                | 11 LATERAL VENTRICLE OF BRAIN          |
| 11 Posterior Compartment Of Arm               | 12 Cardiovascular Shock                                | 12 LIMBIC SYSTEM                       |
| 12 Scapular Region                            | 13 Cell                                                | 13 MEDULLA- INTERNAL STRUCTURE         |
| 13 Shoulder Girdle                            | 14 Cell Junction                                       | 14 MENINGES AND DURAL VENOUS SINUSES   |
| 14 Upper Limb Intro                           | 15 Cellular Transport                                  | 15 MIDBRAIN- INTERNAL STRUCTURE        |
| <b>HEAD AND NECK</b>                          | 16 Cerebellum Connections and Functions                | 16 PONS INTERNAL STRUCTURE             |
| 15 A134, Orbit, V2                            | 17 Coagulation of Blood                                | 17 SPINAL CORD I                       |
| 16 Anterior Triangle Of Neck                  | 18 Coronary Circulation Part II                        | 19 THALAMUS                            |
| 17 Back Of Neck                               | 19 Cynosis                                             | 20 WHITE MATTER OF CEREBRAL HEMISPHERE |
| 18 Diaphragm                                  | 20 Degeneration and Regeneration of Peripheral Nerv    |                                        |
| 19 External Ear                               | 21 ECG, 2D - Electrocardiogram                         |                                        |
| 20 Eyeball                                    | 22 Gate Control Theory of Pain                         |                                        |
| 21 Face 1                                     | 23 General Principles of Circulation                   |                                        |
| 22 Face 2                                     | 24 Glomerular Filtration Rate                          |                                        |
| 23 Infratemporal Fossa Part 01                | 25 Heart Rate                                          |                                        |
| 24 Infratemporal Fossa Part 02                | 26 Higher Functions of Nervous System                  |                                        |
| 25 Infratemporal Fossa Part 03                | 27 Homeostasis                                         |                                        |
| 26 Joints Of Neck                             | 28 Hypoxia                                             |                                        |
| 27 Larynx Part 01                             | 29 Introduction and Functional Anatomy of Kidney       |                                        |
| 28 Larynx Part 02                             | 30 Introduction to Endocrinology                       |                                        |
| 29 Middle Ear                                 | 31 Liver and Gall Bladder                              |                                        |
| 30 Nasal Cavity Part 01                       | 32 Lymph                                               |                                        |
| 31 Nasal Cavity Part 02                       | 33 Major Actions Of Cortisol And Applied Aspects       |                                        |
| 32 Nasal Cavity Part 03                       | 34 Major Actions Of Thyroxin (T3 & T4) and Applied Asp |                                        |
| 33 Orbit                                      | 35 Mechanics of Respiration Part 1                     |                                        |
| 34 Parotid Gland                              | 36 Mechanics of Respiration Part 2                     |                                        |
| 35 Scalp                                      | 37 Mechanism of Concentration of Urine                 |                                        |
| 36 Side Of Neck                               | 38 Movements of Gi (Gastrointestinal) Tract Part I     |                                        |
| 37 Structures in Neck                         | 39 Movements of Gi (Gastrointestinal) Tract Part II    |                                        |
| 38 Superficial Fascia And Deep Fascia Of Neck | 40 Muscle Tone                                         |                                        |
| 39 Thyroid Gland                              | 41 Nerve Fiber Type and Functions                      |                                        |
| 40 Tongue                                     | 42 Nerve Injuries                                      |                                        |
| <b>LOWER LIMB</b>                             | 43 Neuro Muscular Junction                             |                                        |
| 41 Ankle Joint                                | 44 Pancreas                                            |                                        |
| 42 Anterior And Dorsum Of Foot                | 45 Periodic Breathing and Artificial Respiration       |                                        |
| 43 Arches Of Foot                             | 46 Physiological Anatomy of Heart                      |                                        |
| 44 Back Of Thigh                              | 47 Physiological Anatomy of Respiratory System         |                                        |
| 45 Front Of Thigh Part 01                     | 48 Physiological Properties Of Nerve Fibres            |                                        |
| 46 Front Of Thigh Part 02                     | 49 Plasma Protein                                      |                                        |
| 47 Gluteal Region                             | 50 Platelets                                           |                                        |
| 48 Hip Joint                                  | 51 Properties Of Cardiac Muscle                        |                                        |
| 49 Knee Joint                                 | 52 LEAVE AS - BLANK                                    |                                        |
| 50 Lateral Side Of Leg                        | 53 Pyramidal Tract Course, Functions and Applied Asp   |                                        |
| 51 Medial Compartment Of Thigh                | 54 RBC - Red Blood Cell                                |                                        |
| 52 Popliteal Fossa                            | 55 Reflexes                                            |                                        |
| 53 Posterior Compartment Of Leg               | 56 Regional Circulation Part 1                         |                                        |
| 54 Small Joints Of Foot                       | 57 Renal Blood Flow With Its Measurement               |                                        |
| 55 Sole Of Foot                               | 58 Skeletal Muscles                                    |                                        |
| 56 Tibiofibular Joint                         | 59 Stomach Functions and Applied Aspects               |                                        |
| 57 Venous Drainage Of Lower Limb              | 60 Structure And Functions of Nervous Tissues          |                                        |
| <b>ABDOMEN AND PELVIS</b>                     | 61 Transport of Gases                                  |                                        |
| 58 A Kidney                                   | 62 Tubular Reabsorption and Tubular Secretion          |                                        |
| 59 A Rectum                                   | 63 Upper and Lower Motor Neuron Lesions                |                                        |
| 60 Abdominal Cavity And Peritoneum            | 64 Visual Pathway                                      |                                        |
| 61 Anatomy Of Internal Iliac Artery           | 65 WBC - White Blood Cell                              |                                        |
| 62 Anatomy Of Prostate                        |                                                        |                                        |
| 63 Anterior Abdominal Wall 01                 |                                                        |                                        |
| 64 Anterior Abdominal Wall 02                 |                                                        |                                        |
| 65 Appendix                                   |                                                        |                                        |
| 66 B Anal Canal                               |                                                        |                                        |
| 67 B Ureters                                  |                                                        |                                        |
| 68 Extra Hepatic Biliary System               |                                                        |                                        |
| 69 Gross Anatomy Of Pelvic Diaphragm          |                                                        |                                        |
| 70 Large Intestine                            |                                                        |                                        |
| 71 Liver                                      |                                                        |                                        |
| 72 Male Genetal Organs                        |                                                        |                                        |
| 73 OvaryAnd Uterine Tube                      |                                                        |                                        |
| 74 Pancreas                                   |                                                        |                                        |
| 75 Perinum Part 01                            |                                                        |                                        |
| 76 Perinum Part 02                            |                                                        |                                        |
| 77 Small Intestine                            |                                                        |                                        |
| 78 Spleen                                     |                                                        |                                        |
| 79 Stomach                                    |                                                        |                                        |
| 80 Suprarenal Gland                           |                                                        |                                        |
| 81 Urethra                                    |                                                        |                                        |
| 82 Urinary Bladder                            |                                                        |                                        |
| 83 Uterus                                     |                                                        |                                        |
| 84 Vagina                                     |                                                        |                                        |
| <b>THORAX</b>                                 |                                                        |                                        |
| 85 Blood Supply Of Heart                      |                                                        |                                        |
| 86 Esophagus                                  |                                                        |                                        |
| 87 Intercostal Space Part 01                  |                                                        |                                        |
| 88 Intercostal Space Part 02                  |                                                        |                                        |
| 89 Introduction To Thorax And Thoracic Cage   |                                                        |                                        |
| 90 Lungs Part 01                              |                                                        |                                        |
| 91 Lungs Part 02                              |                                                        |                                        |
| 92 Pericardium                                |                                                        |                                        |
| 93 Pleura                                     |                                                        |                                        |
| 94 Thoracic Duct                              |                                                        |                                        |
| 95 Trachea                                    |                                                        |                                        |

| Jumlah Topik Animasi Per Paket     |            |
|------------------------------------|------------|
| <b>PAKET C (MINIMAL SMT 1 - 2)</b> |            |
| 1 ANATOMY                          | 95         |
| 2 PHYSIOLOGY                       | 65         |
| 3 NEUROANATOMY                     | 20         |
| <b>Jumlah Topik Dapat Diakses</b>  |            |
|                                    | <b>180</b> |

**PAKET D** (Relevan Semester 3-4)

**295** Topik  
 Video

|                                               |
|-----------------------------------------------|
| <b>ANATOMY</b>                                |
| 1 General Anatomy                             |
| <b>UPPER LIMB</b>                             |
| 2 Axilla                                      |
| 3 Back Of Forearm                             |
| 4 Brachial Plexus                             |
| 5 Cubital Fossa                               |
| 6 Cutaneous Innervation                       |
| 7 Front Of Arm                                |
| 8 Front Of Forearm                            |
| 9 Mammary Glands                              |
| 10 Pectoral Region                            |
| 11 Posterior Compartment Of Arm               |
| 12 Scapular Region                            |
| 13 Shoulder Girdle                            |
| 14 Upper Limb Intro                           |
| <b>HEAD AND NECK</b>                          |
| 15 A134_Orbit_V2                              |
| 16 Anterior Triangle Of Neck                  |
| 17 Back Of Neck                               |
| 18 Diaphragm                                  |
| 19 External Ear                               |
| 20 Eyeball                                    |
| 21 Face 1                                     |
| 22 Face 2                                     |
| 23 Infratemporal Fossa Part 01                |
| 24 Infratemporal Fossa Part 02                |
| 25 Infratemporal Fossa Part 03                |
| 26 Joints Of Neck                             |
| 27 Larynx Part 01                             |
| 28 Larynx Part 02                             |
| 29 Middle Ear                                 |
| 30 Nasal Cavity Part 01                       |
| 31 Nasal Cavity Part 02                       |
| 32 Nasal Cavity Part 03                       |
| 33 Orbit                                      |
| 34 Parotid Gland                              |
| 35 Scalp                                      |
| 36 Side Of Neck                               |
| 37 Structures In Neck                         |
| 38 Superficial Fascia And Deep Fascia Of Neck |
| 39 Thyroid Gland                              |
| 40 Tongue                                     |
| <b>LOWER LIMB</b>                             |
| 41 Ankle Joint                                |
| 42 Anterior And Dorsum Of Foot                |
| 43 Arch Of Foot                               |
| 44 Back Of Thigh                              |
| 45 Front Of Thigh Part 01                     |
| 46 Front Of Thigh Part 02                     |
| 47 Gluteal Region                             |
| 48 Hip Joint                                  |
| 49 Knee Joint                                 |
| 50 Lateral Side Of Leg                        |
| 51 Medical Compartment Of Thigh               |
| 52 Popliteal Fossa                            |
| 53 Posterior Compartment Of Leg               |
| 54 Small Joints Of Foot                       |
| 55 Side Of Foot                               |
| 56 Tibiofibular Joint                         |
| 57 Venous Drainage Of Lower Limb              |
| <b>ABDOMEN AND PELVIS</b>                     |
| 58 A Kidney                                   |
| 59 A Rectum                                   |
| 60 Abdominal Cavity And Peritoneum            |
| 61 Anatomy Of Internal Iliac Artery           |
| 62 Anatomy Of Prostate                        |
| 63 Anterior Abdominal Wall 01                 |
| 64 Anterior Abdominal Wall 02                 |
| 65 Appendix                                   |
| 66 B Anal Canal                               |
| 67 B Ureter                                   |
| 68 Extra Hepatic Biliary System               |
| 69 Gross Anatomy Of Pelvic Diaphragm          |
| 70 Large Intestine                            |
| 71 Liver                                      |
| 72 Male Genital Organs                        |
| 73 OvaryAnd Uterine Tube                      |
| 74 Pancreas                                   |
| 75 Perium Part 01                             |
| 76 Perium Part 02                             |
| 77 Small Intestine                            |
| 78 Spleen                                     |
| 79 Stomach                                    |
| 80 Supraponeal Gland                          |
| 81 Urethra                                    |
| 82 Urinary Bladder                            |
| 83 Uterus                                     |
| 84 Vagina                                     |
| <b>THORAX</b>                                 |
| 85 Blood Supply Of Heart                      |
| 86 Esophagus                                  |
| 87 Intercostal Space Part 01                  |
| 88 Intercostal Space Part 02                  |
| 89 Introduction To Thorax And Thoracic Cage   |
| 90 Lungs Part 01                              |
| 91 Lungs Part 02                              |
| 92 Pericardium                                |
| 93 Pleura                                     |
| 94 Thoracic Duct                              |
| 95 Trachea                                    |

|                                                        |
|--------------------------------------------------------|
| <b>PHYSIOLOGY</b>                                      |
| 1 Abnormalities of Respiration                         |
| 2 Acidification of Urine                               |
| 3 Arterial Blood Pressure                              |
| 4 Autonomic Nervous System                             |
| 5 BASAL Ganglia Connections And Functions              |
| 6 Blood                                                |
| 7 Body Fluids                                          |
| 8 Cardiac Cycle                                        |
| 9 Cardiac Output                                       |
| 10 Cardio Vascular Homeostasis                         |
| 11 Cardio Vascular Regulatory Mechanism                |
| 12 Cardiovascular Shock                                |
| 13 Cell                                                |
| 14 Cell Junction                                       |
| 15 Cellular Transport                                  |
| 16 Cerebellum Connections and Functions                |
| 17 Coagulation of Blood                                |
| 18 Coronary Circulation Part II                        |
| 19 Cytolysis                                           |
| 20 Degeneration and Regeneration of Peripheral Nerv    |
| 21 ECC_ZD - Electrocardiogram                          |
| 22 Gate Control Theory of Pain                         |
| 23 General Principles of Circulation                   |
| 24 Glomerular Filtration Rate                          |
| 25 Heart Rate                                          |
| 26 Higher Functions of Nervous System                  |
| 27 Homeostasis                                         |
| 28 Hypoxia                                             |
| 29 Introduction and Functional Anatomy of Kidney       |
| 30 Introduction to Endocrinology                       |
| 31 Liver and Gall Bladder                              |
| 32 Lymph                                               |
| 33 Major Actions Of Cortisol And Applied Aspects       |
| 34 Major Actions Of Thyroxin (T3 & T4) and Applied Asp |
| 35 Mechanics of Respiration Part 1                     |
| 36 Mechanics of Respiration Part 2                     |
| 37 Mechanism of Concentration of Urine                 |
| 38 Movements of GI (Gastrointestinal) Tract Part I     |
| 39 Movements of GI (Gastrointestinal) Tract Part II    |
| 40 Muscle Tone                                         |
| 41 Nerve Fiber Type and Functions                      |
| 42 Nerve Injuries                                      |
| 43 Neuro Muscular Junction                             |
| 44 Pancreas                                            |
| 45 Periodic Breathing and Artificial Respiration       |
| 46 Physiological Anatomy of Heart                      |
| 47 Physiological Anatomy of Respiratory System         |
| 48 Physiological Properties Of Nerve Fibres            |
| 49 Plasma Protein                                      |
| 50 Platelets                                           |
| 51 Properties Of Cardiac Muscle                        |
| 52 LEAVE AS - BLANK                                    |
| 53 Pyramidal Tract Course, Functions and Applied Asp   |
| 54 RBC - Red Blood Cell                                |
| 55 Reflexes                                            |
| 56 Regional Circulation Part I                         |
| 57 Renal Blood Flow With Its Measurement               |
| 58 Skeletal Muscles                                    |
| 59 Stomach Functions and Applied Aspects               |
| 60 Structure And Functions of Nervous Tissues          |
| 61 Transport of Gases                                  |
| 62 Tubular Reabsorption and Tubular Secretion          |
| 63 Upper and Lower Motor Neuron Lesions                |
| 64 Visual Pathway                                      |
| 65 WBC - White Blood Cell                              |

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>PATHOLOGY</b>                                                                |
| 1 Absent/ Sexual Differentiation Chromosomal Aberrations                        |
| 2 Acute Inflammation                                                            |
| 3 Amyloidosis                                                                   |
| 4 Aneurysm                                                                      |
| 5 Apoptosis                                                                     |
| 6 Atherosclerosis and Aneurysm                                                  |
| 7 Basics of Neoplasia                                                           |
| 8 Bleeding disorder- ITP (Immune Thrombocytopenia), Hemophilia                  |
| 9 Carcinogenesis                                                                |
| 10 Cell Injury                                                                  |
| 11 Chronic Inflammation                                                         |
| 12 Embolism                                                                     |
| 13 Healing, Scar and Fibrosis                                                   |
| 14 Hemolytic Anemia-Thalassemia                                                 |
| 15 Hemolytic anemia- Sickle cell disease, Aplastic anemia                       |
| 16 HIV - Human Immunodeficiency Virus                                           |
| 17 Hyperemia                                                                    |
| 18 Hypersensitivity Reactions Part I                                            |
| 19 Hypersensitivity Reactions Part II                                           |
| 20 Infection                                                                    |
| 21 Inflammatory cells and mediators                                             |
| 22 Intracellular Accumulation                                                   |
| 23 Introduction and Scope of Pathology                                          |
| 24 Iron Deficiency Anemia                                                       |
| 25 Irreversible Cell Injury                                                     |
| 26 Molecular Basis of Neoplasia A                                               |
| 27 Molecular Basis of Neoplasia B                                               |
| 28 Morphological variants of Acute Inflammation                                 |
| 29 Pathologic Calcification                                                     |
| 30 Plasma Cell Myeloma                                                          |
| 31 Shock                                                                        |
| 32 HIV - Human Immunodeficiency Virus                                           |
| 33 Hyperemia                                                                    |
| 34 Hypersensitivity Reactions Part I                                            |
| 35 Hypersensitivity Reactions Part II                                           |
| 36 Infection                                                                    |
| 37 Inflammatory cells and mediators                                             |
| 38 Intracellular Accumulation                                                   |
| 39 Introduction and Scope of Pathology                                          |
| 40 Iron deficiency Anemia                                                       |
| 41 Irreversible Cell Injury                                                     |
| 42 Molecular Basis of Neoplasia A                                               |
| 43 Molecular Basis of Neoplasia B                                               |
| 44 Morphological variants of Acute Inflammation                                 |
| 45 Pathologic Calcification                                                     |
| 46 Plasma Cell Myeloma                                                          |
| 47 Shock                                                                        |
| 48 Thyroid tumors                                                               |
| 49 Basic Cell Carcinoma                                                         |
| 50 Bone tumors                                                                  |
| 51 Drugs used in Epilepsy                                                       |
| 52 Empyema                                                                      |
| 53 Gastric Cancer, GIST (gastrointestinal stromal tumors)                       |
| 54 Hodgkin, NHL (non-Hodgkin lymphoma), Burkitt lymphoma                        |
| 55 Leptospira                                                                   |
| 56 Leukemia- ALL (Acute lymphocytic leukemia), AML (Acute myelocytic leukemia)  |
| 57 Leukemia- CLL (Chronic lymphocytic leukemia), CML (Chronic myeloid leukemia) |
| 58 Melanoma                                                                     |
| 59 MYOCARDIAL INFARCTION                                                        |
| 60 Necrosis                                                                     |
| 61 Nephrotic Syndrome                                                           |
| 62 Otitomycetis                                                                 |
| 63 Premalignant lesions of the skin and SCC (Squamous Cell Carcinoma)           |
| 64 Thrombosis                                                                   |
| 65 Transfusion medicine- Hemolytic disease of new born                          |
| 66 Tuberculosis                                                                 |

|                                                  |
|--------------------------------------------------|
| <b>MICROBIOLOGY</b>                              |
| 1 Bacterial Genetics                             |
| 2 Growth and Multiplication of Bacteria          |
| <b>IMMUNOLOGY</b>                                |
| 3 Basic Principles of Immunity and Immunobiology |
| 4 Cell-mediated Immunity                         |
| 5 Humoral Immunity                               |
| 6 Hypersensitivity Reactions, Part I             |
| 7 Hypersensitivity Reactions, Part II            |
| 8 Measuring Immune Functions                     |
| <b>BACTERIOLOGY</b>                              |
| 9 Actinomycetosis                                |
| 10 Bacillus Anthracis                            |
| 11 Brucella                                      |
| 12 Campylobacter                                 |
| 13 Corynebacterium Diptheriae                    |
| 14 Helicobacter                                  |
| 15 Pseudomonas                                   |
| 16 Staphylococcus                                |
| 17 Vibrio Cholerae                               |
| <b>SYSTEMATIC VIROLOGY</b>                       |
| 18 Human Immunodeficiency Virus                  |
| <b>MYCOLOGY</b>                                  |
| 19 General Properties of fungi                   |
| <b>CLINICAL / APPLIED MICROBIOLOGY</b>           |
| 20 Meningitis                                    |
| 21 Bacterial genetics - Gene transfer mechanism  |
| 22 Basic principles of tumour immunity           |
| 23 Leprosy                                       |
| 24 Pneumococci                                   |
| 25 Pox Virus                                     |
| 26 Salmonella                                    |
| 27 Shigella                                      |
| 28 Tuberculosis                                  |

|                                        |
|----------------------------------------|
| <b>NEUROANATOMY</b>                    |
| 1 BASAL GANGLIA                        |
| 2 BLOOD SUPPLY OF BRAIN I              |
| 3 BLOOD SUPPLY OF BRAIN II             |
| 4 BRAIN STEM EXTERNAL FEATURES         |
| 5 CEREBELLUM                           |
| 6 CEREBRUM I                           |
| 7 CEREBRUM II                          |
| 8 DURAL VENOUS SINUSES                 |
| 9 FOURTH VENTRICLE OF BRAIN            |
| 10 HYPOTHALAMUS                        |
| 11 LATERAL VENTRICLE OF BRAIN          |
| 12 LIMBIC SYSTEM                       |
| 13 MEDULLA- INTERNAL STRUCTURE         |
| 14 MENINGES AND DURAL VENOUS SINUSES   |
| 15 MIDBRAIN- INTERNAL STRUCTURE        |
| 16 PONS INTERNAL STRUCTURE             |
| 17 SPINAL CORD I                       |
| 18 SPINAL CORD II                      |
| 19 THALAMUS                            |
| 20 WHITE MATTER OF CEREBRAL HEMISPHERE |

|                                                                 |
|-----------------------------------------------------------------|
| <b>PHARMACOLOGY</b>                                             |
| 1 Adverse drug effects                                          |
| 2 Pharmacokinetics - Part I                                     |
| 3 Pharmacokinetics Part II                                      |
| 4 Routes of administration of drugs                             |
| <b>CARDIOVASCULAR SYSTEM</b>                                    |
| 5 Treatment of Congestive Heart Failure CHF                     |
| 6 Calcium Channel Blockers                                      |
| 7 Classification of Antihypertensive Drugs                      |
| 8 Classification of Drugs Used in Angina Pectoris               |
| 9 Management Of Hypertensive Emergencies                        |
| 10 Pharmacological Actions of Cardiac Glycosides and Digoxin    |
| <b>DIURETICS</b>                                                |
| 11 Classification of Diuretics                                  |
| 12 Therapeutic uses of Diuretics                                |
| <b>DRUGS AFFECTING BLOOD AND BLOOD FORMATION</b>                |
| 13 Drugs Inhibiting Platelets Aggregation                       |
| 14 Drug Used In Acute and Chronic Gout                          |
| 15 Iron deficiency Anemia                                       |
| <b>RESPIRATORY SYSTEM</b>                                       |
| 16 Bronchial Asthma                                             |
| <b>GASTRO-INTESTINAL SYSTEM</b>                                 |
| 17 Drugs used in Peptic Ulcer and GI diseases                   |
| 18 Antiemetic drugs                                             |
| 19 Management of Diarrhea                                       |
| <b>ENDOCRINE PHARMACOLOGY</b>                                   |
| 20 Drugs used in Thyroid Disorders                              |
| 21 Uterine Stimulants and Relaxants                             |
| <b>CENTRAL NERVOUS SYSTEM</b>                                   |
| 22 Local Anesthetics                                            |
| <b>CHEMOTHERAPY</b>                                             |
| 23 Anti fungal agents                                           |
| 24 Basal Cell Carcinoma                                         |
| 25 Chemotherapy of Drugs Used in Enteric fever                  |
| 26 Chemotherapy of Drugs Used in Viral Infections               |
| 27 Premalignant Lesions of the skin and squamous cell carcinoma |
| 28 Chemotherapy of drugs used in malaria                        |
| 29 Chemotherapy of drugs used in filaria                        |
| <b>TOXICOLOGY</b>                                               |
| 28 Ethyl and Methyl Alcohols                                    |
| <b>OTHERS</b>                                                   |
| 29 Anti-Coagulants                                              |
| 30 Chemotherapy of drugs used in filaria                        |
| 31 Chemotherapy of drugs used in malaria                        |
| 32 Drug Interactions                                            |
| 33 Drugs used in Epilepsy                                       |
| 34 General Anesthetics                                          |
| 35 HYPNOTICS IN CLINICAL PRACTICE                               |
| 36 MYOCARDIAL INFARCTION                                        |
| 37 Thromolytics and Fibrinolytics                               |

|                                    |              |     |
|------------------------------------|--------------|-----|
| Jumlah Topik Animasi Per Paket     |              |     |
| <b>PAKET D (RELEVAN SMT 3 - 4)</b> |              |     |
| 1                                  | ANATOMY      | 95  |
| 2                                  | PHYSIOLOGY   | 65  |
| 3                                  | NEUROANATOMY | 20  |
| 4                                  | PATHOLOGY    | 50  |
| 5                                  | MICROBIOLOGY | 28  |
| 6                                  | PHARMACOLOGY | 37  |
| Jumlah Topik Dapat Diakses         |              | 295 |



**PAKET E** (Relevan minimal semester 3-4)

**208** Topik Video

| ANATOMY                   |                                            |
|---------------------------|--------------------------------------------|
| 1                         | General Anatomy                            |
| <b>UPPER LIMB</b>         |                                            |
| 2                         | Axilla                                     |
| 3                         | Back Of Forearm                            |
| 4                         | Brachial Plexus                            |
| 5                         | Cubital Fossa                              |
| 6                         | Culathepus innervation                     |
| 7                         | Front Of Arm                               |
| 8                         | Front Of Forearm                           |
| 9                         | Mammary Glands                             |
| 10                        | Pectoral Region                            |
| 11                        | Posterior Compartment Of Arm               |
| 12                        | Scapular Region                            |
| 13                        | Shoulder Girdle                            |
| 14                        | Upper Limb Intra                           |
| <b>HEAD AND NECK</b>      |                                            |
| 15                        | A134_Orbit_V2                              |
| 16                        | Arterial Triangle Of Neck                  |
| 17                        | Back Of Neck                               |
| 18                        | Diaphragm                                  |
| 19                        | External Ear                               |
| 20                        | Eyeball                                    |
| 21                        | Face 1                                     |
| 22                        | Face 2                                     |
| 23                        | Infratemporal Fossa Part 01                |
| 24                        | Infratemporal Fossa Part 02                |
| 25                        | Infratemporal Fossa Part 03                |
| 26                        | Joints Of Neck                             |
| 27                        | Larynx Part 01                             |
| 28                        | Larynx Part 02                             |
| 29                        | Middle Ear                                 |
| 30                        | Nasal Cavity Part 01                       |
| 31                        | Nasal Cavity Part 02                       |
| 32                        | Nasal Cavity Part 03                       |
| 33                        | Orbit                                      |
| 34                        | Parotid Gland                              |
| 35                        | Scalp                                      |
| 36                        | Side Of Neck                               |
| 37                        | Structures In Neck                         |
| 38                        | Superficial Fascia And Deep Fascia Of Neck |
| 39                        | Thyroid Gland                              |
| 40                        | Tongue                                     |
| <b>LOWER LIMB</b>         |                                            |
| 41                        | Ankle Joint                                |
| 42                        | Anterior And Dorsum Of Foot                |
| 43                        | Arches Of Foot                             |
| 44                        | Back Of Thigh                              |
| 45                        | Front Of Thigh Part 01                     |
| 46                        | Front Of Thigh Part 02                     |
| 47                        | Gluteal Region                             |
| 48                        | Knee Joint                                 |
| 49                        | Knee Joint                                 |
| 50                        | Lateral Side Of Leg                        |
| 51                        | Medial Compartment Of Thigh                |
| 52                        | Popliteal Fossa                            |
| 53                        | Posterior Compartment Of Leg               |
| 54                        | Small Joints Of Foot                       |
| 55                        | Sole Of Foot                               |
| 56                        | Tibiotalar Joint                           |
| 57                        | Venous Drainage Of Lower Limb              |
| <b>ABDOMEN AND PELVIS</b> |                                            |
| 58                        | A Kidney                                   |
| 59                        | A Rectum                                   |
| 60                        | Abdominal Cavity And Peritoneum            |
| 61                        | Anatomy Of Internal Iliac Artery           |
| 62                        | Anatomy Of Prostate                        |
| 63                        | Anterior Abdominal Wall 01                 |
| 64                        | Anterior Abdominal Wall 02                 |
| 65                        | Appendix                                   |
| 66                        | B Anal Canal                               |
| 67                        | B Ureters                                  |
| 68                        | Extra Hepatic Biliary System               |
| 69                        | Gross Anatomy Of Pelvic Diaphragm          |
| 70                        | Large Intestine                            |
| 71                        | Liver                                      |
| 72                        | Male Genetal Organs                        |
| 73                        | OvaryAnd Uterine Tube                      |
| 74                        | Pancreas                                   |
| 75                        | Perinum Part 01                            |
| 76                        | Perinum Part 02                            |
| 77                        | Small Intestine                            |
| 78                        | Spleen                                     |
| 79                        | Stomach                                    |
| 80                        | Suprarenal Gland                           |
| 81                        | Urethra                                    |
| 82                        | Urinary Bladder                            |
| 83                        | Uterus                                     |
| 84                        | Vagina                                     |
| <b>THORAX</b>             |                                            |
| 85                        | Blood Supply Of Heart                      |
| 86                        | Esophagus                                  |
| 87                        | intercostal Space Part 01                  |
| 88                        | intercostal Space Part 02                  |
| 89                        | Introduction To Thorax And Thoracic Cage   |
| 90                        | Lungs Part 01                              |
| 91                        | Lungs Part 02                              |
| 92                        | Pericardium                                |
| 93                        | Pleura                                     |
| 94                        | Thoracic Duct                              |
| 95                        | Trachea                                    |

| PHYSIOLOGY |                                                     |
|------------|-----------------------------------------------------|
| 1          | Abnormalities of Respiration                        |
| 2          | Acidification of Urine                              |
| 3          | Arterial Blood Pressure                             |
| 4          | Autonomic Nervous System                            |
| 5          | BASAL Ganglia Connections And Functions             |
| 6          | Blood                                               |
| 7          | Body Fluids                                         |
| 8          | Cardiac Cycle                                       |
| 9          | Cardiac Output                                      |
| 10         | Cardio Vascular Homeostasis                         |
| 11         | Cardio Vascular Regulatory Mechanism                |
| 12         | Cardiovascular Shock                                |
| 13         | Cell                                                |
| 14         | Cell Junction                                       |
| 15         | Cellular Transport                                  |
| 16         | Cerebellum Connections and Functions                |
| 17         | Coagulation of Blood                                |
| 18         | Coronary Circulation Part II                        |
| 19         | Cytosis                                             |
| 20         | Degeneration and Regeneration of Peripheral Nerv    |
| 21         | ECC 2D - Electrocardiogram                          |
| 22         | Gate Control Theory of Pain                         |
| 23         | General Principles of Circulation                   |
| 24         | Glomerular Filtration Rate                          |
| 25         | Heart Rate                                          |
| 26         | Higher Functions of Nervous System                  |
| 27         | Homeostasis                                         |
| 28         | Hypoxia                                             |
| 29         | Introduction and Functional Anatomy of Kidney       |
| 30         | Introduction to Endocrinology                       |
| 31         | Liver and Gall Bladder                              |
| 32         | Lymph                                               |
| 33         | Major Actions Of Cortical And Applied Aspects       |
| 34         | Major Actions Of Thyroxin (T3 & T4) and Applied Asp |
| 35         | Mechanics of Respiration Part 1                     |
| 36         | Mechanics of Respiration Part 2                     |
| 37         | Mechanism of Concentration of Urine                 |
| 38         | Movements of GI (Gastrointestinal) Tract Part I     |
| 39         | Movements of GI (Gastrointestinal) Tract Part II    |
| 40         | Muscle Tone                                         |
| 41         | Nerve Fiber Type and Functions                      |
| 42         | Nerve Injuries                                      |
| 43         | Neuro Muscular Junction                             |
| 44         | Pancreas                                            |
| 45         | Periodic Breathing and Artificial Respiration       |
| 46         | Physiological Anatomy of Heart                      |
| 47         | Physiological Anatomy of Respiratory System         |
| 48         | Physiological Properties Of Nerve Fibres            |
| 49         | Plasma Protein                                      |
| 50         | Platelets                                           |
| 51         | Properties Of Cardiac Muscle                        |
| 52         | LEAVE AS - BLANK -                                  |
| 53         | Pyramidal Tract Course, Functions and Applied Asp   |
| 54         | RBC - Red Blood Cell                                |
| 55         | Reflexes                                            |
| 56         | Regional Circulation Part I                         |
| 57         | Renal Blood Flow With Its Measurement               |
| 58         | Skeletal Muscles                                    |
| 59         | Stomach Functions and Applied Aspects               |
| 60         | Structure And Functions of Nervous Tissues          |
| 61         | Transport of Gases                                  |
| 62         | Tubular Reabsorption and Tubular Secretion          |
| 63         | Upper and Lower Motor Neuron Lesions                |
| 64         | Visual Pathway                                      |
| 65         | WBC - White Blood Cell                              |

| NEUROANATOMY |                                     |
|--------------|-------------------------------------|
| 1            | BASAL GANGLIA                       |
| 2            | BLOOD SUPPLY OF BRAIN I             |
| 3            | BLOOD SUPPLY OF BRAIN II            |
| 4            | BRAIN STEM EXTERNAL FEATURES        |
| 5            | CEREBELLUM                          |
| 6            | CEREBRUM I                          |
| 7            | CEREBRUM II                         |
| 8            | DURAL VENOUS SINUSES                |
| 9            | FOURTH VENTRICLE OF BRAIN           |
| 10           | HYPOTHALAMUS                        |
| 11           | LATERAL VENTRICLE OF BRAIN          |
| 12           | LIMBIC SYSTEM                       |
| 13           | MEDULLA- INTERNAL STRUCTURE         |
| 14           | MENINGES AND DURAL VENOUS SINUSES   |
| 15           | MIDBRAIN- INTERNAL STRUCTURE        |
| 16           | PCNS INTERNAL STRUCTURE             |
| 17           | SPINAL CORD I                       |
| 18           | SPINAL CORD II                      |
| 19           | THALAMUS                            |
| 20           | WHITE MATTER OF CEREBRAL HEMISPHERE |

| MICROBIOLOGY                           |                                                |
|----------------------------------------|------------------------------------------------|
| 1                                      | Bacterial Genetics                             |
| 2                                      | Growth and Multiplication of Bacteria          |
| <b>IMMUNOLOGY</b>                      |                                                |
| 3                                      | Basic Principles of Immunity and Immunobiology |
| 4                                      | Cell-mediated Immunity                         |
| 5                                      | Humoral Immunity                               |
| 6                                      | Hypersensitivity Reactions, Part I             |
| 7                                      | Hypersensitivity Reactions, Part II            |
| 8                                      | Measuring Immune Functions                     |
| <b>BACTERIOLOGY</b>                    |                                                |
| 9                                      | Actinomycetales                                |
| 10                                     | Bacillus Anthracis                             |
| 11                                     | Brucella                                       |
| 12                                     | Campylobacter                                  |
| 13                                     | Corynebacterium Diptheriae                     |
| 14                                     | Helicobacter                                   |
| 15                                     | Pseudomonas                                    |
| 16                                     | Staphylococcus                                 |
| 17                                     | Vibrio Cholerae                                |
| <b>SYSTEMATIC VIROLOGY</b>             |                                                |
| 18                                     | Human Immunodeficiency Virus                   |
| <b>MYCOLOGY</b>                        |                                                |
| 19                                     | General Properties of fungi                    |
| <b>CLINICAL / APPLIED MICROBIOLOGY</b> |                                                |
| 20                                     | Meningitis                                     |
| 21                                     | Bacterial genetics - Gene transfer mechanism   |
| 22                                     | Basic principles of tumour immunity            |
| 23                                     | Leprasy                                        |
| 24                                     | Pneumococci                                    |
| 25                                     | Pox Virus                                      |
| 26                                     | Salmonella                                     |
| 27                                     | Shigella                                       |
| 28                                     | Tuberculosis                                   |

| Jumlah Topik Animasi Per Paket     |              |     |
|------------------------------------|--------------|-----|
| <b>PAKET E (MINIMAL SMT 3 - 4)</b> |              |     |
| 1                                  | ANATOMY      | 95  |
| 2                                  | PHYSIOLOGY   | 65  |
| 3                                  | NEUROANATOMY | 20  |
| 4                                  | MICROBIOLOGY | 28  |
| Jumlah Topik Dapat Diakses         |              | 208 |

**PAKET F** (Relevan semester 5-6)

**303** Topik Video

|                                               |
|-----------------------------------------------|
| <b>ANATOMY</b>                                |
| 1 General Anatomy                             |
| <b>UPPER LIMB</b>                             |
| 2 Axilla                                      |
| 3 Back Of Forearm                             |
| 4 Brachial Plexus                             |
| 5 Cubital Fossa                               |
| 6 Cutaneous Innervation                       |
| 7 Front Of Arm                                |
| 8 Front Of Forearm                            |
| 9 Mammary Glands                              |
| 10 Pectoral Region                            |
| 11 Posterior Compartment Of Arm               |
| 12 Scapular Region                            |
| 13 Shoulder Girdle                            |
| 14 Upper Limb Intro                           |
| <b>HEAD AND NECK</b>                          |
| 15 A134 Orbit V2                              |
| 16 Anterior Triangle Of Neck                  |
| 17 Back Of Neck                               |
| 18 Diaphragm                                  |
| 19 External Ear                               |
| 20 Eyeball                                    |
| 21 Face 1                                     |
| 22 Face 2                                     |
| 23 Infratemporal Fossa Part 01                |
| 24 Infratemporal Fossa Part 02                |
| 25 Infratemporal Fossa Part 03                |
| 26 Joints Of Neck                             |
| 27 Larynx Part 01                             |
| 28 Larynx Part 02                             |
| 29 Middle Ear                                 |
| 30 Nasal Cavity Part 01                       |
| 31 Nasal Cavity Part 02                       |
| 32 Nasal Cavity Part 03                       |
| 33 Orbit                                      |
| 34 Parotid Gland                              |
| 35 Scalp                                      |
| 36 Side Of Neck                               |
| 37 Structures In Neck                         |
| 38 Superficial Fascia And Deep Fascia Of Neck |
| 39 Thyroid Gland                              |
| 40 Tongue                                     |
| <b>LOWER LIMB</b>                             |
| 41 Ankle Joint                                |
| 42 Anterior And Dorsum Of Foot                |
| 43 Arch Of Foot                               |
| 44 Back Of Thigh                              |
| 45 Front Of Thigh Part 01                     |
| 46 Front Of Thigh Part 02                     |
| 47 Gluteal Region                             |
| 48 Hip Joint                                  |
| 49 Knee Joint                                 |
| 50 Lateral Side Of Leg                        |
| 51 Medical Compartment Of Thigh               |
| 52 Popliteal Fossa                            |
| 53 Posterior Compartment Of Leg               |
| 54 Small Joints Of Foot                       |
| 55 Sole Of Foot                               |
| 56 Tibiofibular Joint                         |
| 57 Venous Drainage Of Lower Limb              |
| <b>ABDOMEN AND PELVIS</b>                     |
| 58 A Kidney                                   |
| 59 A Rectum                                   |
| 60 Abdominal Cavity And Peritoneum            |
| 61 Anatomy Of Internal Iliac Artery           |
| 62 Anatomy Of Prostate                        |
| 63 Anterior Abdominal Wall 01                 |
| 64 Anterior Abdominal Wall 02                 |
| 65 Appendix                                   |
| 66 B Anal Canal                               |
| 67 B Ureter                                   |
| 68 Extra Hepatic Biliary System               |
| 69 Gross Anatomy Of Pelvic Diaphragm          |
| 70 Large Intestine                            |
| 71 Liver                                      |
| 72 Male Genetal Organs                        |
| 73 OvaryAnd Uterine Tube                      |
| 74 Pancreas                                   |
| 75 Perineum Part 01                           |
| 76 Perineum Part 02                           |
| 77 Small Intestine                            |
| 78 Spleen                                     |
| 79 Stomach                                    |
| 80 Supraprenal Gland                          |
| 81 Urethra                                    |
| 82 Urinary Bladder                            |
| 83 Uterus                                     |
| 84 Vagina                                     |
| <b>THORAX</b>                                 |
| 85 Blood Supply Of Heart                      |
| 86 Esophagus                                  |
| 87 Intercostal Space Part 01                  |
| 88 Intercostal Space Part 02                  |
| 89 Introduction To Thorax And Thoracic Cage   |
| 90 Lungs Part 01                              |
| 91 Lungs Part 02                              |
| 92 Pericardium                                |
| 93 Pleura                                     |
| 94 Thoracic Duct                              |
| 95 Trachea                                    |

|                                                        |
|--------------------------------------------------------|
| <b>PHYSIOLOGY</b>                                      |
| 1 Abnormalities of Respiration                         |
| 2 Acidification of Urine                               |
| 3 Arterial Blood Pressure                              |
| 4 Autonomic Nervous System                             |
| 5 BASAL Ganglia Connections And Functions              |
| 6 Blood                                                |
| 7 Body Fluids                                          |
| 8 Cardiac Cycle                                        |
| 9 Cardiac Output                                       |
| 10 Cardio Vascular Homeostasis                         |
| 11 Cardio Vascular Regulatory Mechanism                |
| 12 Cardiovascular Shock                                |
| 13 Cell                                                |
| 14 Cell Junction                                       |
| 15 Cellular Transport                                  |
| 16 Cerebellum Connections and Functions                |
| 17 Coagulation of Blood                                |
| 18 Coronary Circulation Part II                        |
| 19 Cytosis                                             |
| 20 Degeneration and Regeneration of Peripheral Nerv    |
| 21 ECG 2D - Electrocardiogram                          |
| 22 Gate Control Theory of Pain                         |
| 23 General Principles of Circulation                   |
| 24 Glomerular Filtration Rate                          |
| 25 Heart Rate                                          |
| 26 Higher Functions of Nervous System                  |
| 27 Homeostasis                                         |
| 28 Hypoxia                                             |
| 29 Introduction and Endocrinology of Kidney            |
| 30 Introduction to Functional Anatomy of               |
| 31 Liver and Gall Bladder                              |
| 32 Lymph                                               |
| 33 Major Actions Of Cortisol And Applied Aspect        |
| 34 Major Actions Of Thyroxin (T3 & T4) and Applied Asp |
| 35 Mechanics of Respiration Part 1                     |
| 36 Mechanics of Respiration Part 2                     |
| 37 Mechanism of Concentration of Urine                 |
| 38 Movements of GI (Gastrointestinal) Tract Part I     |
| 39 Movements of GI (Gastrointestinal) Tract Part II    |
| 40 Muscle Tone                                         |
| 41 Nerve Fiber Type and Functions                      |
| 42 Nerve Injury                                        |
| 43 Neuro Muscular Junction                             |
| 44 Pancreas                                            |
| 45 Periodic Breathing and Artificial Respiration       |
| 46 Physiological Anatomy of Heart                      |
| 47 Physiological Anatomy of Respiratory System         |
| 48 Physiological Properties Of Nerve Fibres            |
| 49 Plasma Protein                                      |
| 50 Platelets                                           |
| 51 Properties Of Cardiac Muscle                        |
| 52 LEAVE AS - BLANK -                                  |
| 53 Pyramidal Tract Course, Functions and Applied Asp   |
| 54 RBC - Red Blood Cell                                |
| 55 Reflexes                                            |
| 56 Renal Circulation Part 1                            |
| 57 Renal Blood Flow With Its Measurement               |
| 58 Skeletal Muscles                                    |
| 59 Stomach Functions and Applied Aspects               |
| 60 Structure And Functions of Nervous Tissues          |
| 61 Transport of Gases                                  |
| 62 Tubular Reabsorption and Tubular Secretion          |
| 63 Upper and Lower Motor Neuron Lesions                |
| 64 Visual Pathway                                      |
| 65 WBC - White Blood Cell                              |
| <b>FORENSIC</b>                                        |
| 1 Infanticide                                          |
| 2 Road Traffic Accidents                               |
| 3 Skull Fractures                                      |
| 4 Medicolegal Autopsy- Objectives and Guidelines       |
| 5 Brain Injury                                         |
| 6 Asphyxial Death- Hanging                             |
| 7 Spinal poisons                                       |
| 8 Abortion                                             |

|                                                                                 |
|---------------------------------------------------------------------------------|
| <b>PATHOLOGY</b>                                                                |
| 1 Aberrant Sexual Differentiation Chromosomal Aberrations                       |
| 2 Acute Inflammation                                                            |
| 3 Amyloidosis                                                                   |
| 4 Aneurysm                                                                      |
| 5 Apoptosis                                                                     |
| 6 Atherosclerosis and Aneurysm                                                  |
| 7 Basics of Neoplasia                                                           |
| 8 Bleeding disorders- ITP (Immune thrombocytopenia), Hemophilia                 |
| 9 Carcinogenesis                                                                |
| 10 Cell Injury                                                                  |
| 11 Chronic Inflammation                                                         |
| 12 Embolism                                                                     |
| 13 Healing, Scar and Fibrosis                                                   |
| 14 Hemolytic Anemia-Thalassemia                                                 |
| 15 Hemolytic anemia- Sickle cell disease, Aplastic anemia                       |
| 16 HIV - Human immunodeficiency Virus                                           |
| 17 Hyperemia                                                                    |
| 18 Hypersensitivity Reactions Part I                                            |
| 19 Hypersensitivity Reactions Part II                                           |
| 20 Infarction                                                                   |
| 21 Inflammatory cells and mediators                                             |
| 22 Intracellular Accumulation                                                   |
| 23 Introduction and Scope of Pathology                                          |
| 24 Iron deficiency Anemia                                                       |
| 25 Irreversible Cell Injury                                                     |
| 26 Molecular Basis of Neoplasia A                                               |
| 27 Molecular Basis of Neoplasia B                                               |
| 28 Morphological variants of Acute Inflammation                                 |
| 29 Pathologic Calcification                                                     |
| 30 Plasma Cell Myeloma                                                          |
| 31 Shock                                                                        |
| 32 Hemolytic anemia- Sickle cell disease, Aplastic anemia                       |
| 33 HIV - Human immunodeficiency Virus                                           |
| 34 Hyperemia                                                                    |
| 35 Hypersensitivity Reactions Part I                                            |
| 36 Hypersensitivity Reactions Part II                                           |
| 37 Infarction                                                                   |
| 38 Inflammatory cells and mediators                                             |
| 39 Intracellular Accumulation                                                   |
| 40 Introduction and Scope of Pathology                                          |
| 41 Iron deficiency Anemia                                                       |
| 42 Irreversible Cell Injury                                                     |
| 43 Molecular Basis of Neoplasia A                                               |
| 44 Molecular Basis of Neoplasia B                                               |
| 45 Morphological variants of Acute Inflammation                                 |
| 46 Pathologic Calcification                                                     |
| 47 Plasma Cell Myeloma                                                          |
| 48 Shock                                                                        |
| 49 Thyroid tumors                                                               |
| 50 Basal Cell Carcinoma                                                         |
| 51 Bone tumors                                                                  |
| 52 Drugs used in Epilepsy                                                       |
| 53 Emphysema                                                                    |
| 54 Gastric Cancer, GIST (gastrointestinal stromal tumors)                       |
| 55 Hodgkin, NHL (non-Hodgkin lymphoma), Burkitt lymphoma                        |
| 56 Leptospira                                                                   |
| 57 Leukemia- ALL (Acute lymphocytic leukemia), AML (Acute myelocytic leukemia)  |
| 58 Leukemia- CLL (Chronic lymphocytic leukemia), CML (Chronic myeloid leukemia) |
| 59 Melanoma                                                                     |
| 60 MYOCARDIAL INFARCTION                                                        |
| 61 Necrosis                                                                     |
| 62 Nigralytic Syndrome                                                          |
| 63 Otitis media                                                                 |
| 64 Premalignant lesions of the skin and SCC (Squamous Cell Carcinoma)           |
| 65 Thrombosis                                                                   |
| 66 Transfusion medicine- Hemolytic disease of new born                          |
| 67 Tuberculosis                                                                 |

|                                                  |
|--------------------------------------------------|
| <b>MICROBIOLOGY</b>                              |
| 1 Bacterial Genetics                             |
| 2 Growth and Multiplication of Bacteria          |
| <b>IMMUNOLOGY</b>                                |
| 3 Basic Principles of Immunity and Immunobiology |
| 4 Cell-mediated Immunity                         |
| 5 Humoral Immunity                               |
| 6 Hypersensitivity Reactions, Part I             |
| 7 Hypersensitivity Reactions, Part II            |
| 8 Measuring Immune Functions                     |
| <b>BACTERIOLOGY</b>                              |
| 9 Actinomycetales                                |
| 10 Bacillus Anthracis                            |
| 11 Brucella                                      |
| 12 Campylobacter                                 |
| 13 Corynebacterium Diphtheriae                   |
| 14 Helicobacter                                  |
| 15 Pseudomonas                                   |
| 16 Staphylococcus                                |
| 17 Vibrio Cholerae                               |
| <b>SYSTEMATIC VIROLOGY</b>                       |
| 18 Human Immunodeficiency Virus                  |
| <b>MYCOLOGY</b>                                  |
| 19 General Properties of fungi                   |
| <b>CLINICAL / APPLIED MICROBIOLOGY</b>           |
| 20 Meningitis                                    |
| 21 Bacterial genetics - Gene transfer mechanism  |
| 22 Basic principles of tumour immunity           |
| 23 Leprosy                                       |
| 24 Pneumococci                                   |
| 25 Pox Virus                                     |
| 26 Salmonella                                    |
| 27 Shigella                                      |
| 28 Trichomonas                                   |
| <b>NEUROANATOMY</b>                              |
| 1 BASAL GANGLIA                                  |
| 2 BLOOD SUPPLY OF BRAIN I                        |
| 3 BLOOD SUPPLY OF BRAIN II                       |
| 4 BRAIN STEM EXTERNAL FEATURES                   |
| 5 CEREBELLUM                                     |
| 6 CEREBRUM I                                     |
| 7 CEREBRUM II                                    |
| 8 DURAL VENOUS SINUSES                           |
| 9 FOURTH VENTRICLE OF BRAIN                      |
| 10 HYPOTHALAMUS                                  |
| 11 LATERAL VENTRICLE OF BRAIN                    |
| 12 LIMBIC SYSTEM                                 |
| 13 MEDULLA- INTERNAL STRUCTURE                   |
| 14 MENINGES AND DURAL VENOUS SINUSES             |
| 15 MIDBRAIN- INTERNAL STRUCTURE                  |
| 16 PONS INTERNAL STRUCTURE                       |
| 17 SPINAL CORD I                                 |
| 18 SPINAL CORD II                                |
| 19 THALAMUS                                      |
| 20 WHITE MATTER OF CEREBRAL HEMISPHERE           |

|                                                              |
|--------------------------------------------------------------|
| <b>PHARMACOLOGY</b>                                          |
| 1 Adverse drug effects                                       |
| 2 Pharmacokinetics - Part I                                  |
| 3 Pharmacokinetics Part II                                   |
| 4 Routes of administration of drugs                          |
| <b>CARDIOVASCULAR SYSTEM</b>                                 |
| 5 Treatment of Congestive Heart Failure CHF                  |
| 6 Calcium Channel Blockers                                   |
| 7 Classification of Antihypertensive Drugs                   |
| 8 Classification of Drugs Used in Angina Pectoris            |
| 9 Management Of Hypertensive Emergencies                     |
| 10 Pharmacological Actions of Cardiac Glycosides and Digoxin |
| <b>DIURETICS</b>                                             |
| 11 Classification of Diuretics                               |
| 12 Therapeutic uses of Diuretics                             |
| <b>DRUGS AFFECTING BLOOD AND BLOOD FORMATION</b>             |
| 13 Drugs Inhibiting Platelets Aggregation                    |
| 14 Drug Used In Acute and Chronic Gout                       |
| 15 Iron Deficiency Anemia                                    |
| <b>RESPIRATORY SYSTEM</b>                                    |
| 16 Bronchial Asthma                                          |
| <b>GASTRO-INTESTINAL SYSTEM</b>                              |
| 17 Drugs used in Peptic Ulcer and GI diseases                |
| 18 Antiemetic drugs                                          |
| 19 Management of Diarrhea                                    |
| <b>ENDOCRINE PHARMACOLOGY</b>                                |
| 20 Drugs used in Thyroid Disorders                           |
| 21 Herbal Stimulants and Relaxants                           |
| <b>CENTRAL NERVOUS SYSTEM</b>                                |
| 22 Local Anaesthetics                                        |
| <b>CHEMOTHERAPY</b>                                          |
| 23 Anti fungal agents                                        |
| 24 Basal Cell Carcinoma                                      |
| 25 Chemotherapy of Drugs Used in Enteric fever               |
| 26 Chemotherapy of Drugs Used in Viral Infections            |
| 27 Premalignant Lesions of the skin and squamous cell carci  |
| 28 Chemotherapy of drugs used in malaria                     |
| 29 Chemotherapy of drugs used in filaria                     |
| <b>TOXICOLOGY</b>                                            |
| 30 Ethyl and Methyl Alcohols                                 |
| <b>OTHERS</b>                                                |
| 31 Anti-Coagulants                                           |
| 32 Chemotherapy of drugs used in filaria                     |
| 33 Chemotherapy of drugs used in malaria                     |
| 34 Drug interactions                                         |
| 35 Drugs used in Epilepsy                                    |
| 36 General Anesthetics                                       |
| 37 HYPOFNICS IN CLINICAL PRACTICE                            |
| 38 MYOCARDIAL INFARCTION                                     |
| 39 Thromolytics and Fibrinolytics                            |

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| Jumlah Topik Animasi Per Paket     |              |     |
| <b>PAKET F (MINIMAL SMT 5 - 6)</b> |              |     |
| 1                                  | ANATOMY      | 95  |
| 2                                  | PHYSIOLOGY   | 65  |
| 3                                  | NEUROANATOMY | 20  |
| 4                                  | PATHOLOGY    | 50  |
| 5                                  | FORENSIC     | 8   |
| 6                                  | MICROBIOLOGY | 28  |
| 7                                  | PHARMACOLOGY | 37  |
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# PAKET KOAS *(Relevan semester 7-8, KOAS)*

**317** Topik Video

|                                               |
|-----------------------------------------------|
| <b>ANATOMY</b>                                |
| 1 General Anatomy                             |
| <b>UPPER LIMB</b>                             |
| 2 Axilla                                      |
| 3 Back Of Forearm                             |
| 4 Brachial Plexus                             |
| 5 Cubital Fossa                               |
| 6 Cutaneous Innervation                       |
| 7 Front Of Arm                                |
| 8 Front Of Forearm                            |
| 9 Mammary Glands                              |
| 10 Pectoral Region                            |
| 11 Posterior Compartment Of Arm               |
| 12 Scapular Region                            |
| 13 Shoulder Girdle                            |
| 14 Upper Limb Intro                           |
| <b>HEAD AND NECK</b>                          |
| 15 AI 34. Orbil v2                            |
| 16 Anterior Triangle Of Neck                  |
| 17 Back Of Neck                               |
| 18 Diaphragm                                  |
| 19 External Ear                               |
| 20 Eyeball                                    |
| 21 Face 1                                     |
| 22 Face 2                                     |
| 23 Infraorbital Fossa Part 01                 |
| 24 Infraorbital Fossa Part 02                 |
| 25 Infraorbital Fossa Part 03                 |
| 26 Joints Of Neck                             |
| 27 Larynx Part 01                             |
| 28 Larynx Part 02                             |
| 29 Middle Ear                                 |
| 30 Nasal Cavity Part 01                       |
| 31 Nasal Cavity Part 02                       |
| 32 Nasal Cavity Part 03                       |
| 33 Orbit                                      |
| 34 Parotid Gland                              |
| 35 Scapla                                     |
| 36 Side Of Neck                               |
| 37 Structures In Neck                         |
| 38 Superficial Fascia And Deep Fascia Of Neck |
| 39 Thyroid Gland                              |
| 40 Tongue                                     |
| <b>LOWER LIMB</b>                             |
| 41 Ankle Joint                                |
| 42 Anterior And Dorsum Of Foot                |
| 43 Arches Of Foot                             |
| 44 Back Of Thigh                              |
| 45 Front Of Thigh Part 01                     |
| 46 Front Of Thigh Part 02                     |
| 47 Gluteal Region                             |
| 48 Hip Joint                                  |
| 49 Knee Joint                                 |
| 50 Lateral Side Of Leg                        |
| 51 Medial Compartment Of Thigh                |
| 52 Popliteal Fossa                            |
| 53 Posterior Compartment Of Leg               |
| 54 Small Joints Of Foot                       |
| 55 Side Of Foot                               |
| 56 Tibiofibular Joint                         |
| 57 Venous Drainage Of Lower Limb              |
| <b>ABDOMEN AND PELVIS</b>                     |
| 58 A Kidney                                   |
| 59 A Rectum                                   |
| 60 Abdominal Cavity And Peritoneum            |
| 61 Anatomy Of Internal Iliac Artery           |
| 62 Anatomy Of Prostate                        |
| 63 Anterior Abdominal Wall 01                 |
| 64 Anterior Abdominal Wall 02                 |
| 65 Appendix                                   |
| 66 B Anal Canal                               |
| 67 B Uterus                                   |
| 68 Extra Hepatic Biliary System               |
| 69 Gross Anatomy Of Pelvic Diaphragm          |
| 70 Large Intestine                            |
| 71 Liver                                      |
| 72 Male Genetal Organs                        |
| 73 OvaryAnd Uterine Tube                      |
| 74 Pancreas                                   |
| 75 Perium Part 01                             |
| 76 Perium Part 02                             |
| 77 Small Intestine                            |
| 78 Spleen                                     |
| 79 Stomach                                    |
| 80 Supraprenal Gland                          |
| 81 Urethra                                    |
| 82 Urinary Bladder                            |
| 83 Uterus                                     |
| 84 Vagina                                     |
| <b>THORAX</b>                                 |
| 85 Blood Supply Of Heart                      |
| 86 Esophagus                                  |
| 87 Intercostal Space Part 01                  |
| 88 Intercostal Space Part 02                  |
| 89 Introduction To Thorax And Thoracic Cage   |
| 90 Lungs Part 01                              |
| 91 Lungs Part 02                              |
| 92 Pericardium                                |
| 93 Pleura                                     |
| 94 Thoracic Duct                              |
| 95 Trachea                                    |

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|--------------------------------------------------------|
| <b>PHYSIOLOGY</b>                                      |
| 1 Abnormalities of Respiration                         |
| 2 Acidification of Urine                               |
| 3 Arterial Blood Pressure                              |
| 4 Autonomic Nervous System                             |
| 5 BASAL Ganglia Connections And Functions              |
| 6 Blood                                                |
| 7 Body Fluids                                          |
| 8 Cardiac Cycle                                        |
| 9 Cardiac Output                                       |
| 10 Cardio Vascular Homeostasis                         |
| 11 Cardio Vascular Regulatory Mechanism                |
| 12 Cardiovascular Shock                                |
| 13 Cell                                                |
| 14 Cell Junction                                       |
| 15 Cellular Transport                                  |
| 16 Cerebellum Connections and Functions                |
| 17 Coagulation of Blood                                |
| 18 Coronary Circulation Part II                        |
| 19 Cytosis                                             |
| 20 Degeneration and Regeneration of Peripheral Nerv    |
| 21 EEG, 2D - Electrocardiogram                         |
| 22 Gate Control Theory of Pain                         |
| 23 General Principles of Circulation                   |
| 24 Glomerular Filtration Rate                          |
| 25 Heart Rate                                          |
| 26 Higher Functions of Nervous System                  |
| 27 Homeostasis                                         |
| 28 Hypoxia                                             |
| 29 Introduction and Functional Anatomy of Kidney       |
| 30 Introduction to Endocrinology                       |
| 31 Liver and Gall Bladder                              |
| 32 Lymph                                               |
| 33 Major Axons Of Cortical And Applied Aspects         |
| 34 Major Actions Of Thyroxin [3 & 14] and Applied Aspe |
| 35 Mechanics of Respiration Part 1                     |
| 36 Mechanics of Respiration Part 2                     |
| 37 Mechanism of Concentration of Urine                 |
| 38 Movements of GI (Gastrointestinal) Tract Part I     |
| 39 Movements of GI (Gastrointestinal) Tract Part II    |
| 40 Muscle Tone                                         |
| 41 Nerve Fiber Type and Functions                      |
| 42 Nerve Injuries                                      |
| 43 Neuro Muscular Junction                             |
| 44 Pancreas                                            |
| 45 Periodic Breathing and Artificial Respiration       |
| 46 Physiological Anatomy of Heart                      |
| 47 Physiological Anatomy of Respiratory System         |
| 48 Physiological Properties Of Nerve Fibres            |
| 49 Plasma Protein                                      |
| 50 Platelets                                           |
| 51 Properties Of Cardiac Muscle                        |
| 52 LEAVE AS - BLANK -                                  |
| 53 Pyramidal Tract Course, Functions and Applied Aspe  |
| 54 RBC - Red Blood Cell                                |
| 55 Reflexes                                            |
| 56 Regional Circulation Part I                         |
| 57 Renal Blood Flow With Its Measurement               |
| 58 Skeletal Muscles                                    |
| 59 Stomach Functions and Applied Aspects               |
| 60 Structure And Functions of Nervous Tissues          |
| 61 Transport of Gases                                  |
| 62 Tubular Reabsorption and Tubular Secretion          |
| 63 Upper and Lower Motor Neuron Lesions                |
| 64 Visual Pathway                                      |
| 65 WBC - White Blood Cell                              |

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|--------------------------------------------------|
| <b>MICROBIOLOGY</b>                              |
| 1 Bacterial Genetics                             |
| 2 Growth and Multiplication of Bacteria          |
| <b>IMMUNOLOGY</b>                                |
| 3 Basic Principles of Immunity and Immunobiology |
| 4 Cell-mediated Immunity                         |
| 5 Humoral Immunity                               |
| 6 Hypersensitivity Reactions, Part I             |
| 7 Hypersensitivity Reactions, Part II            |
| 8 Measuring Immune Functions                     |
| <b>BACTERIOLOGY</b>                              |
| 9 Actinomycetales                                |
| 10 Bacillus Anthrax                              |
| 11 Brucella                                      |
| 12 Campylobacter                                 |
| 13 Corynebacterium Diphtheriae                   |
| 14 Helicobacter                                  |
| 15 Pseudomonas                                   |
| 16 Staphylococcus                                |
| 17 Vibrio Cholerae                               |
| <b>SYSTEMATIC VIROLOGY</b>                       |
| 18 Human Immunodeficiency Virus                  |
| <b>MYCOLOGY</b>                                  |
| 19 General Properties of Fungi                   |
| <b>CLINICAL / APPLIED MICROBIOLOGY</b>           |
| 20 Meningitis                                    |
| 21 Bacterial genetics - Gene transfer mechanism  |
| 22 Basic principles of tumour immunity           |
| 23 Leprosy                                       |
| 24 Pneumococci                                   |
| 25 Pox Virus                                     |
| 26 Salmonella                                    |
| 27 Shigella                                      |
| 28 Tuberculosis                                  |

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| <b>PHARMACOLOGY</b>                                          |
| 1 Achista drug effects                                       |
| 2 Classification of Antihypertensive Drugs                   |
| 3 Pharmacokinetics Part II                                   |
| 4 Routes of administration of drugs                          |
| <b>CARDIOVASCULAR SYSTEM</b>                                 |
| 5 Treatment of Congestive Heart Failure CHF                  |
| 6 Calcium Channel Blockers                                   |
| 7 Classification of Antihypertensive Drugs                   |
| 8 Classification of Drugs Used in Angina Pectoris            |
| 9 Management Of Hypertensive Emergencies                     |
| 10 Pharmacological Actions of Cardiac Glycosides and Digoxin |
| <b>DIURETICS</b>                                             |
| 11 Classification of Diuretics                               |
| 12 Therapeutic uses of Diuretics                             |
| <b>DRUGS AFFECTING BLOOD AND BLOOD FORMATION</b>             |
| 13 Drugs Inhibiting Platelets Aggregation                    |
| 14 Drug Used in Acute and Chronic Gout                       |
| 15 Iron Deficiency Anemia                                    |
| <b>RESPIRATORY SYSTEM</b>                                    |
| 16 Bronchial Asthma                                          |
| <b>GASTRO-INTESTINAL SYSTEM</b>                              |
| 17 Drugs used in Peptic Ulcer and GI diseases                |
| 18 Antiemetic drugs                                          |
| 19 Management of Diarrhea                                    |
| <b>ENDOCRINE PHARMACOLOGY</b>                                |
| 20 Drugs used in Thyroid Disorders                           |
| 21 Uterine Stimulants and Relaxants                          |
| <b>CENTRAL NERVOUS SYSTEM</b>                                |
| 22 Local Anesthetics                                         |
| <b>CHEMOTHERAPY</b>                                          |
| 23 Anti-fungal agents                                        |
| 24 Basal Cell Carcinoma                                      |
| 25 Chemotherapy of Drugs Used in Enteric fever               |
| 26 Chemotherapy of Drugs Used in Viral Infections            |
| 27 Premalignant Lesions of the skin and squamous cell carci  |
| 28 Chemotherapy of drugs used in malaria                     |
| 29 Chemotherapy of drugs used in filaria                     |
| <b>TOXICOLOGY</b>                                            |
| 30 Ethyl and Methyl Alcohol                                  |
| <b>OPIDS</b>                                                 |
| 29 Anti-Coagulants                                           |
| 30 Chemotherapy of drugs used in malaria                     |
| 31 Chemotherapy of drugs used in malaria                     |
| 32 Drug Interactions                                         |
| 33 Drugs used in Epilepsy                                    |
| 34 General Anesthetics                                       |
| 35 HYPNOTICS IN CLINICAL PRACTICE                            |
| 36 MYOCARDIAL INFARCTION                                     |
| 37 Thromolytics and Fibrinolytics                            |

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|---------------------------------------------------------------------------------|
| <b>PATHOLOGY</b>                                                                |
| 1 Aberrant Sexual Differentiation Chromosomal Aberrations                       |
| 2 Acute Inflammation                                                            |
| 3 Amyloidosis                                                                   |
| 4 Aneurysm                                                                      |
| 5 Apoptosis                                                                     |
| 6 Atherosclerosis and Aneurysm                                                  |
| 7 Basics of Neoplasia                                                           |
| 8 Bleeding disorders- ITP (Immune thrombocytopenia), Hemophilia                 |
| 9 Carcinogenesis                                                                |
| 10 Cell Injury                                                                  |
| 11 Chronic Inflammation                                                         |
| 12 Embolism                                                                     |
| 13 Healing, Scar and Fibrosis                                                   |
| 14 Hemolytic Anemia-Thalassemia                                                 |
| 15 Hemolytic anemia- Sickle cell disease, Aplastic anemia                       |
| 16 HIV - Human immunodeficiency Virus                                           |
| 17 Hyperemia                                                                    |
| 18 Hypersensitivity Reactions Part I                                            |
| 19 Hypersensitivity Reactions Part II                                           |
| 20 Infarction                                                                   |
| 21 Inflammatory cells and mediators                                             |
| 22 Intracellular Accumulation                                                   |
| 23 Introduction and Scope of Pathology                                          |
| 24 Iron deficiency Anemia                                                       |
| 25 Irreversible Cell Injury                                                     |
| 26 Molecular Basis of Neoplasia A                                               |
| 27 Molecular Basis of Neoplasia B                                               |
| 28 Morphological variants of Acute Inflammation                                 |
| 29 Pathologic Calcification                                                     |
| 30 Plasma Cell Myeloma                                                          |
| 31 Shock                                                                        |
| 32 Thyroid Tumors                                                               |
| 33 Basal Cell Carcinoma                                                         |
| 34 Bone tumas                                                                   |
| 35 Drugs used in Epilepsy                                                       |
| 36 Emphysema                                                                    |
| 37 Gastric Cancer, GIST (gastrointestinal stromal tumors)                       |
| 38 Hodgkin, NHL (non-Hodgkin lymphoma), Burkitt Lymphoma                        |
| 39 Leprosy                                                                      |
| 40 Leukemia- ALL (Acute lymphocytic leukemia), AML (Acute myelocytic leukemia)  |
| 41 Leukemia- CLL (Chronic lymphocytic leukemia), CML (Chronic myeloid leukemia) |
| 42 Melanoma                                                                     |
| 43 MYOCARDIAL INFARCTION                                                        |
| 44 Necrosis                                                                     |
| 45 Nephrotic Syndrome                                                           |
| 46 Osteomyelitis                                                                |
| 47 Premalignant lesions of the skin and SCC (Squamous Cell Carcinoma)           |
| 48 Thrombosis                                                                   |
| 49 Transfusion medicine- Hemolytic disease of new born                          |
| 50 Tuberculosis                                                                 |

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| <b>NEUROANATOMY</b>                         |
| 1 BASAL GANGLIA                             |
| 2 BLOOD SUPPLY OF BRAIN I                   |
| 3 BLOOD SUPPLY OF BRAIN II                  |
| 4 BRAIN STEM EXTERNAL FEATURES              |
| 5 CEREBELLUM                                |
| 6 CEREBRUM I                                |
| 7 CEREBRUM II                               |
| 8 DURAL VENOUS SINUSES                      |
| 9 FOURTH VENTRICLE OF BRAIN                 |
| 10 HYPOTHALAMUS                             |
| 11 LATERAL VENTRICLE OF BRAIN               |
| 12 LIMBIC SYSTEM                            |
| 13 MEDULLA- INTERNAL STRUCTURE              |
| 14 MENINGES AND DURAL VENOUS SINUSES        |
| 15 MIDBRAIN- INTERNAL STRUCTURE             |
| 16 PONS INTERNAL STRUCTURE                  |
| 17 SPINAL CORD I                            |
| 18 SPINAL CORD II                           |
| 19 THALAMUS                                 |
| 20 WHITE MATTER OF CEREBRAL HEMISPHERE      |
| <b>EMBRYOLOGY</b>                           |
| 1 DEVELOPMENT OF FACE, NOSE AND PALATE      |
| 2 Cleavage and Morula Formation             |
| 3 Development of Face, Nose and Palate      |
| 4 Development of Male Reproductive System   |
| 5 Development of Male Reproductive System   |
| 6 Fertilization                             |
| 7 FOLDING OF EMBRYO                         |
| 8 NEURULATION                               |
| 9 OOCYGENESIS Part 2                        |
| 10 Pharyngeal Arches, Pouches and Cleft     |
| 11 Placenta and Fetal Membrane              |
| 12 Primitive Streak and Notochord Formation |
| 13 SPERMATOGENESIS                          |
| 14 THE RESPIRATORY SYSTEM                   |

|                                                  |
|--------------------------------------------------|
| <b>FORENSIC</b>                                  |
| 1 Infanticide                                    |
| 2 Road Traffic Accidents                         |
| 3 Skull Fractures                                |
| 4 Medicolegal Autopsy- Objectives and Guidelines |
| 5 Brain Injury                                   |
| 6 Asphyxial Death- Hanging                       |
| 7 Spinal poisons                                 |
| 8 Abortion                                       |

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| Jumlah Topik Animasi Per Paket            |    |
| <b>PAKET KOAS (RELEVAN SMT 7-8, KOAS)</b> |    |
| 1 ANATOMY                                 | 95 |
| 2 PHYSIOLOGY                              | 65 |
| 3 NEUROANATOMY                            | 20 |
| 4 PATHOLOGY                               | 50 |
| 5 FORENSIC                                | 8  |
| 6 MICROBIOLOGY                            | 28 |
| 7 EMBRYOLOGY                              | 14 |
| 8 PHARMACOLOGY                            | 37 |
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