

Amaltas Institute of Medical Sciences, Dewas

Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	01.02.2021	02.02.2021	03.02.2021	04.02.2021	05.02.2021	06.02.2021
09-10am	Address by Chairman Sir & Dean	Introduction to Physiology	PY1.1 Describe the structure and functions of a mammalian cell Cell I	PY1.1 Describe the structure and functions of a mammalian cell Cell II	BI1.1a. Describe the molecular and functional organization of a cell. Molecular and functional organization of a cell. (HI- Physiology) (B)	BI1.1b. Describe the molecular and functional organization of a cell. Morphology and functional organization of sub cellular components (HI- Physiology) (B)
10 - 11am	Departments Round- Anatomy, Physiology, Biochemistry	AN1.1(A) Demonstration normal anatomical position, various planes, relation, comparison, laterality & movement in our body. Terminology I - positioning of body, Terms of relationship special terms related to limbs * Terms of hollow organ *Terms of Describing muscles	AN1.1(B) Describe normal anatomical position, various planes, relation, comparison, laterality & movement in our body. Terminology II * Terms or Describing- a. Movements b. vessels c. Bony features d. Clinical Anatomy e. arrangement of body structure	AN65.1 Epithelium under the microscope & describe the various types & correlate to its function Epithelium -I Define characteristic features, classification, description of sub types, functions	AN65.2 Describe the ultrastructure of epithelium Epithelium -II (Histology of Epithelium) AN 70.1 Identify exocrine gland under the microscope & distinguish between serous, mucous and mixed acini (VI- Pathology)	Foundation Course
11 - 01pm		AN 1.1 (A) Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body Terminology-I I. Position of the Body II. Terms of Relation ship III. Special terms of limbs IV. Terms of hallow organs V. Terms for describing muscles	AN 1.1 (B) Demonstrate normal anatomical position, various planes, relation, comparison, laterality & movement in our body Terminology-II I. Terms for describing Movements II. Terms for describing Vessels III. Terms for describing Bony Features IV. Terms used for clinical Anatomy V. Arrangement of structures in the body Terminology-I (Batch - A) Demonstration Microscope introduction (Batch- B)	AN65.1 Identify epithelium under the microscope & describe the various types that correlate to its function Epithelium -I Identify epithelium under the microscope & describe the various types that correlate to its function Microscope introduction (Batch -A) Terminology-I Demonstration (Batch-B)	AN65.2 Identify the ultrastructure of epithelium Epithelium -I Identify epithelium under the microscope & describe the various types that correlate to its function Terminology-II (Batch - A) Terminology-II (Batch- B)	
01 - 02pm	Lunch					
02 - 03pm		Introduction to Amphibian Laboratory (P) Introduction to Haematology Laboratory (P) / Study of Glassware (B)	Introduction to Amphibian Laboratory (P) Introduction to Haematology Laboratory (P) / Study of Glassware (B)	ECE Oedema-1 (P)	Practical/Demonstration Practice (P)	Good Laboratory
03 - 04pm				SGD/Tutorial Spotting on Glassware (B)	Practical/Demonstration of Biochemistry Laboratory (B)	Safety & Hazards
04 - 05pm		SDL/ Lecture Cell Study (B)	SDL - History of Physiology	SDL PSM	SDL Histogenesis of Epithelium (A)	

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09-10am	PY1.2 Describe and discuss the principles of homeostasis Homeostasis	PY1.3 Describe intercellular communication Intercellular communication	PY1.4 Describe apoptosis - programmed cell death Apoptosis (VI - PATHOLOGY)	PY1.5 Describe and discuss transport mechanisms across cell membranes Passive transport & Active transport	BI2.1 Explain fundamental concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature. Concepts of enzyme, isoenzyme, alloenzyme, coenzyme & co-factors. Enumerate the main classes of IUBMB nomenclature. (B)	BI2.2 Describe and explain the basic principles of enzyme activity & Kinetics Basic principles of enzyme activity & Kinetics (B)
10 - 11am	AN66.1 Describe various types of connective tissue with functional correlation Connective tissue-I general feature of connective tissue, composition of Connective tissue	AN66.2 Describe the ultrastructure of connective tissue Connective tissue-II, Proper	AN66.2 Describe the ultrastructure of connective tissue Connective tissue-II, Proper	AN2.4 Describe various types of cartilage with its structure & distribution in body, AN71.2 cartilage under the microscope & describe various types and structure- function correlation of the same Cartilage - Features, Classifications, Histology and Applied Anatomy	AN2.4 Describe various types of cartilage with its structure & distribution in body, AN71.2 cartilage under the microscope & describe various types and structure- function correlation of the same Cartilage - Features, Classifications, Histology and Applied Anatomy (Sharing - Orthopedics/ Pathology) {ECE}	
11 - 01pm	Bone - I Gross Structure of long Bone, classification, Blood Supply, Nerve Supply Epithelium -I (Batch -A) Bone- I (Batch -B)	AN66.1 Describe & identify various types of connective tissue with functional correlation Connective Tissue - I I. General Features, Ground substance II. Classifications of fibers, Cells of connective tissue, classification of connective tissue Bone- I (Batch-A) Epithelium -I (Batch-B)	AN66.1 Describe & identify various types of connective tissue with functional correlation Connective Tissue - I I. General Features, Ground substance II. Classifications of fibers, Cells of connective tissue, classification of connective tissue 1. Epithelium -II (Batch -A) & (Batch-B)	AN2.1 Identify parts, blood and nerve supply of a long bone AN2.2 Enumerate laws of ossification AN2.3 Enumerate special features of a sesamoid bone Bone -I Histology of Bone, Development of Bone, Classification of Bone, Estimation of Age, Bone marrow, Connective Tissue - I (Batch- A) Demonstration of Clavicle (Batch -B)	AN71.1 Identify bone under the microscope; classify various types and describe the structure-function correlation of the same. Histology of Cartilage Demonstration Clavicle (Batch-A) Connective Tissue - I (Batch-B)	
01 - 02pm	Lunch					
02 - 03pm	Introduction to Amphibian Laboratory (P) Introduction to Haematology Laboratory (P)/ Study of Glassware (B)	Study of Amphibian Appliances (Batch A) Study of Microscope (Batch B)/ Instrumentation of Biochemistry (Batch- C)	Study of Amphibian Appliances (Batch B) Study of Microscope (Batch C)/ Instrumentation of Biochemistry (B)	ECE Oedema-2 (P)	Practical/Demonstration Sample Collection & Waste Disposal (P)	
03 - 04pm				SGD/Tutorial Spotting on Instrumentation (B)	Practical/Demonstration Introduction of qualitative & Quantitative Practicals (B)	
04 - 05pm		SDL/ Lecture Concepts of enzyme, isoenzyme, alloenzyme & coenzyme (B)	SDL Nucleus of Mammalian cell (P)	ECE- Instruments handling in pathology laboratory (VI- Pathology) (B)	SDL - Clavicle (Anatomy)	

Foundation Course

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Date/ Time	15.02.2021	16.02.2021	17.02.2021	18.02.2021	19.02.2021	20.02.2021
09-10am	PY1.6 Describe the fluid compartments of the body, its ionic composition & measurements Fluid compartments of the body, its ionic composition & measurements (HI -Biochemistry)	PY1.7 Describe the concept of pH & Buffer systems in the body pH & Buffer systems in the body (HI - Biochemistry)	PY1.8 Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissue Resting membrane potential & Action potential & Functions of the cells and its products, its communications PY1.9		BI2.3 Describe Enzyme Inhibition & regulation Enzyme Inhibition & regulation (B)	BI2.4 Describe and discuss the clinical & therapeutic utility of various serum enzymes as markers of pathological conditions. Clinical & therapeutic utility of various serum enzymes as markers of pathological conditions. (VI- Pathology, General Medicine) (B)
10 - 11am	AN2.5 Describe various joints with subtypes and examples Joint - I I. Definition, Classification- Structural, Functional, regional II. Synovial joint, classification with example characteristics of synovial joint (VI- Orthopedics)- {ECE}	AN2.6 Explain the concept of nerve supply of joints & Hilton's law Joint - II I. Subtypes of fibrous and cartilaginous joints II. Movement and mechanism of joint III. Lubrication of joint IV. Blood supply, nerve supply- Hilton's law, lymphatic drainage, stability of synovial joint	AN3.2 numerate parts of skeletal muscle and differentiate between tendons AN3.3 Explain Shunt and spurt muscles and aponeuroses with examples Muscles - I I. Derivation of name II. Definition III. Classification of muscles, describe the shunt and spurt muscles IV. Skeletal cardiac and smooth muscles, skeletal muscles, part structure supporting tissue, functional classification, slow and fast acting muscles, fascicular architecture (HI- Physiology)	AN67.3 Describe the ultrastructure of muscular tissue AN7.5 Describe principles of sensory and motor innervation of muscles AN7.6 describe concept of loss of innervation of a muscle with its applied anatomy Muscles - II I. Lubricating mechanisms, nomenclature of muscles II. Blood supply of skeletal muscles III. Nerve supply of skeletal muscles IV. Neuromuscular junction V. Actions of muscles VI. Mechanics of muscles VII. Applied Anatomy Histology of muscles	AN4.1 Describe different types of skin & dermatomes in body AN4.2 Describe structure & function of skin with its appendages Skin - I (VI-Dermatology, Venereology & Leprosy)	Foundation Course
11 - 01pm	AN71.2 cartilage under the microscope & describe various types and structure- function correlation of the same Cartilage Features, Classifications, Histology and Applied Anatomy Connective Tissue – II (Proper) (Batch-A) Scapula - I (Batch - B)	AN2.5 Demonstrate various joints with subtypes and examples Joints – I I. Definition, Classification- Structural, Functional, regional II. Synovial joint, classification with example characteristics of synovial joint Scapula - I (Batch - A) Connective Tissue – II (Proper) (Batch-B)	AN2.6 Explain the concept of nerve supply of joints & Hilton's law Joints – II I. Subtypes of fibrous and cartilaginous joints II. Movement and mechanism of joint III. Lubrication of joint IV. Blood supply, nerve supply- Hilton's law, lymphatic drainage, stability of synovial joint Cartilage (H) (Batch-A) Scapula - II (Batch-B)	AN3.1 Classify muscle tissue according to structure & action AN3.2 numerate parts of skeletal muscle and differentiate between tendons Muscles - I I. Derivation of name II. Definition III. Classification of muscles, describe the shunt and spurt muscles IV. Skeletal cardiac and smooth muscles, skeletal muscles, part structure supporting tissue, functional classification, slow and fast acting muscles, fascicular architecture Scapula - II(Batch-A) Cartilage (Batch-B)	same AN67.3 Identify the ultrastructure of muscular tissue Muscles - II I. Lubricating mechanisms, nomenclature of muscles II. Blood supply of skeletal muscles III. Nerve supply of skeletal muscles IV. Neuromuscular junction V. Actions of muscles VI. Mechanics of muscles VII. Applied Anatomy Joints - I (Batch-A) Muscle-I (Batch-B)	
01 - 02pm						
02 - 03pm	Study of Amphibian Appliances Study of Microscope Qualitative Study of Instrumentation of Biochemistry (B)	Action Potential Study of Haematology Appliances Qualitative Study of Monosaccharide (Glucose) (B)	Action Potential Study of Haematology Appliances Qualitative Study of Monosaccharide (Glucose) (B)	ECE Metabolic Acidosis (P)	Practical/Demonstration Primary and Secondary Circuit in Amphibian Laboratory (P)	
03 - 04pm				SGD/Tutorial Transport Machanism of Cell (B)	Practical/Demonstration Study of Fructose (B)	
04 - 05pm		SDL Enzymes (co-factors. Enumerate the main classes of IUBMB nomenclature) (B)	SDL Osmosis (P)	ECE- Physiological Function of Cell (HI- Physiology) (B)	SDL - Scapula (Anatomy)	

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Date/ Time	22.02.2021	23.02.2021	24.02.2021	25.02.2021	26.02.2021	27.02.2021
09-10am	PY2.1 Describe the composition and functions of blood components Blood components	PY3.1 Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines Neuron & Neuroglia (HI-Human Anatomy)	PY2.2 Discuss the origin, forms, variations and functions of plasma Proteins Plasma proteins (HI-Biochemistry)	PY2.2 Discuss the origin, forms, variations and functions of plasma Proteins Plasma proteins (HI-Biochemistry)	BI2.5 Describe and discuss the clinical utility of various serum enzymes as markers of pathological conditions. BI2.6 Discuss use of enzymes in laboratory investigations (Enzyme-based assays) Discuss use of enzymes in laboratory investigations (VI - Pathology, General Medicine) (B)	BI2.7 Interpret laboratory results of enzyme activities & describe the clinical utility of various enzymes as markers of pathological conditions Significance & Diagnostic uses of enzymes (VI - Pathology, General Medicine) (B)
10 - 11am	AN72.1 The skin and its appendages under the microscope and correlate the structure with function AN4.5 Explain principles of skin incisions Skin- II Skin and deep fasciae- super facial fasciae I. Definitions, area, types, pigmentations, surface irregularities – tension lines , flexure lines, papillary ridges, function, applied anatomy, skin incision, dermatome II.	AN4.3 Describe superficial fascia along with fat distribution in body AN4.4 Describe modifications of deep fascia with its functions Superficial Fascia Histology of skin and skin appendages, super facial fasciae	AN5.1 Differentiate between blood vascular and lymphatic system AN5.2 Differentiate between pulmonary and systemic circulation AN5.3 List general differences between arteries & veins AN5.4 Explain functional difference between elastic, muscular arteries and arterioles CVS -I Types of Circulation of blood, Arteries, Veins, Capillaries, Anastomoses, End Arteries, Clinical Anatomy (VI-Medicine) (HI- Physiology)	AN5.5 Describe portal system giving examples AN5.6 Describe the concept of anastomoses and collateral circulation with significance of end-arteries AN5.7 Explain function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN5.8 Define thrombosis, infarction & aneurysm CVS -II Histology of blood vassals (VI-Medicine) (HI-Physiology)	AN6.1 List the components and functions of the lymphatic system AN6.2 describe structure of lymph capillaries & mechanism of lymph circulation AN6.3 Explain the concept of lymphoedema and spread of tumors via lymphatics and venous system Lymphatic- I I. Features, components, central lymphoid tissue, peripheral lymphoid organs, mononuclear phagocyte growth pattern, function and applied	Foundation Course
11 - 01pm	AN7.5 Identify principles of sensory and motor innervation of muscles AN7.6 Identify concept of loss of innervation of a muscle with its applied anatomy Muscles – III- Histology of muscles Muscle-I (H) (Batch-A) Joints - I (Batch-B)	AN72.1 The skin and its appendages under the microscope and correlate the structure with function Skin – Skin and deep fasciae- super facial fasciae I. Definitions, area, types, pigmentations, surface irregularities – tension lines , flexure lines, papillary ridges, function, applied anatomy, skin incision, dermatome II. Histology of skin and skin appendages, super facial fasciae Muscle-II (H) (Batch-A) Joints - II (Batch-B)	AN5.7 Demonstrate function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN5.8 Define thrombosis, infarction & aneurysm Histology of blood vassals- Humerus - I (Batch-A) Histology of Skin (Batch-B)	AN5.7 Demonstrate function of meta-arterioles, precapillary sphincters, arterio-venous anastomoses AN5.8 Define thrombosis, infarction & aneurysm Histology of blood vassals Humerus -I (Batch-A) Histology of Skin (Batch-B)	AN6.2 Demonstrate structure of lymph capillaries & mechanism of lymph circulation Lymphatic – I I. Features, components, central lymphoid tissue, peripheral lymphoid organs, mononuclear phagocyte growth pattern, function and applied Histology of Skin (Batch -A) Humerus -I (Batch -B)	
01 - 02pm						
02 - 03pm	Action Potential Study of Haematology Appliances Qualitative Study of Monosaccharide (Glucose) (B)	(PY 3.18) Gradation of stimuli & strength duration curve - Specific Gravity, relative viscosity of blood - (P) Qualitative Study of Monosaccharide (Fructose) (B)	(PY 3.18) Gradation of stimuli & strength duration curve - (P) Specific Gravity, relative viscosity of blood - (P) Qualitative Study of Monosaccharide (Fructose) (B)	ECE Thalassaemia (P)	Practical/Demonstration Focusing of Neubauer's counting chamber under microscope (P)	
03 - 04pm				SGD/Tutorial Enzymes Markers (B)	Practical/Demonstration Study of Disaccharide (Maltose & Lactose) (B)	
04 - 05pm		SDL Journal Camplition (B)	SDL Neutrophil (P)	ECE Interepret the enzymes results (pathology) (B)	SDL - Humerus (Anatomy)	

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09-10am	PY3.2 Describe the types, functions & properties of nerve fibers Nerve Fiber & PY3.3 Degeneration and regeneration in peripheral nerves (VI- General Medicine)	PY2.3 Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown. Describe variants of haemoglobin Haemoglobin (HI- Biochemistry)	PY2.4 Describe RBC formation (erythropoiesis & its regulation) and its Functions RBC	PY3.4 Describe the structure of neuro-muscular junction and transmission of impulses Neuromuscular junction-1 & PY3.5 Neuromuscular junction-2 (VI – Anaesthesiology, Pharmacology & Pathology)	BI3.1 A Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body Chemistry of carbohydrate I Classifications, Functions & Structure of Carbohydrate	BI3.1 B Discuss and differentiate monosaccharides, di-saccharides and polysaccharides giving examples of main carbohydrates as energy fuel, structural element and storage in the human body Chemistry of carbohydrate II Classifications, Functions & Structure of Carbohydrate
10 - 11am	AN7.1 Describe general plan of nervous system with components of central, AN7.7 describe various type of synapse peripheral & autonomic nervous systems AN7.2 List components of nervous tissue and their functions AN7.3 Describe parts of a neuron and classify them based on number of neurites, size & function CNS - I I. Parts of nervous system, cell type of nervous system, excitable cells, synapse, neuroglia, function of glial and ependymal cells, degeneration and regeneration	AN7.4 describe structure of a typical spinal nerve AN7.8 Describe differences between sympathetic and spinal ganglia AN7.5 Describe principles of sensory and motor innervation of muscles AN7.6 Describe concept of loss of innervation of a muscle with its applied anatomy CNS - II Spinal nerve, nerve plexus, blood brain barrier, reflex arc	AN68.1 describe & multipolar & unipolar neuron, ganglia, peripheral nerve AN68.2 describe the structure-function correlation of neuron AN68.3 Describe the ultrastructure of nervous tissue CNS- III Nerve fiber classifications, Histology, structure of myelinated nerve fiber, nonmyelinated nerve fibers, classification of peripheral nerve fibers, difference between sympathetic and spinal ganglia	FA General Anatomy	AN9.1 Describe attachment, nerve supply & action of pectoralis major and pectoralis minor Pectoral region, cutaneous nerves and vessels, Pectoralis muscles, Pectoral fascia, Clavipectoral fascia	
11 - 01pm	AN7.2 List components of nervous tissue and their functions AN7.3 Demonstrate parts of a neuron and classify them based on number of neurites, size & function CNS – I Parts of nerves system, cell type of nerves system, excitable cells, synapse, neuroglia, function of glial and ependymal cells, degeneration and regeneration CVS (Batch-A) Hemerus -II (Batch-B)	AN7.6 Discuss the concept of loss of innervation of a muscle with its applied anatomy CNS – II Spinal nerve, nerve plexus, blood brain barrier, reflex arc Radius and Ulna - I (Batch A & B)	AN68.3 Study the ultrastructure of nervous tissue CNS – III Nerve fiber classifications, Histology, structure of myelinated nerve fiber, nonmyelinated nerve fibers, classification of peripheral nerve fibers, difference between sympathetic and spinal ganglia Radius and Ulna - II (Batch A & B)	Formative Assesment (FA)	Dissection of Pectoral region Dissection of Pectoral region (Batch A & B)	Foundation Course
01 - 02pm						
02 - 03pm	(PY 3.18) Gradation of stimuli & strength duration curve - (P) Specific Gravity, relative viscosity of blood - (P) Monosaccharide (Fructose) (B)	(PY 3.18) Muscle-Nerve preparation & Simple Muscle Curve -P (PH2.12) Tonicity of saline and Fragility of RBC - P Qualitative Study of Disacchride (Maltose & Lactose) (B)	(PY 3.18) Muscle-Nerve preparation & Simple Muscle Curve -P (PH2.12) Tonicity of saline and Fragility of RBC - P Qualitative Study of Disacchride (Maltose & Lactose) (B)	ECE Neuro-musculo blockers (P)	Practical/Demonstration Recording of Action potential (P)	
03 - 04pm				SGD/Tutorial Iso Enzyme (B)	Practical/Demonstraion Qualitative Study of Disacchride (Sucrose) (B)	
04 - 05pm		SDL/ Lecture Glycolysis, TCA Cycle, Glycogen Metabolism (B)	SDL Properties of nerve fiber (P)	SDL PSM	SDL - Brachial Plexus (Anatomy)	

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09-10am	PY2.5 Describe different types of anaemias & Jaundice Anaemia (VI- Pathology) (HI – Biochemistry)	PY3.7 Describe the different types of muscle fibres and their structure Types of Muscle (HI- Human Anatomy) & PY3.8 Describe action potential and its properties in different muscle types	PY2.6 Describe WBC formation (granulopoiesis) and its regulation WBC	Holiday of Mahashivratri	BI3.2 Describe the processes involved in digestion and assimilation of carbohydrates and storage. BI3.3 Describe and discuss the digestion and assimilation of carbohydrates from food. Describe and discuss the digestion and assimilation of carbohydrate from food	BI3.4 A Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). BI3.5 Describe and discuss the regulation, functions and integration of carbohydrate along with associated diseases/disorders. BI3.7 Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate) Metabolism of CHB, Glycolysis & its Regulation & energetics (VI- General Medicine)
10 - 11am	AN9.2 Breast: Describe the location, extent, deep relations, structure, age changes, blood supply, lymphatic drainage, microanatomy and applied anatomy of breast AN9.3 Describe development of breast Breast (VI- General Surgery) {ECE}	AN10.1 describe boundaries and contents of axilla Axilla:Boundries and Content	AN10.3 Describe, formation, branches, relations, area of supply of branches, course and relations of terminal branches of brachial plexus Brachial plexus: Formation, Componants, branches, Applied Anatomy, Erb's palsy and Klumpke's paralysis (VI- General Surgery)		AN10.11 Describe attachment of serratus anterior with its action AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections Back, Scapula Region, Cutaneous nerves, Blood Vessels, Muscles- Trapezius, latissimus, dorsai ,Deep Muscles , Levator Scapulai, Rhomboidus majar & minor. Triangle of Auscultation, Lumber triangle of Petit, Movement of scapula	Foundation Course
11 - 01pm	Dissection of breast and ECE Dissection of breast and ECE (Batch A & B)	AN10.1 Identify boundaries and contents of axilla AN10.2 Identify and demonstrate the origin, extent, course, parts, relations and branches of axillary artery & tributaries of vein AN10.4 demonstrat the anatomical groups of axillary lymph nodes and specify their areas of drainage Dissection of Axilla Dissection of Axilla (Batch A & B)	AN10.5 Explain variations in formation of brachial plexus AN10.6 Explain the anatomical basis of clinical features of Erb's palsy and Klumpke's paralysis AN10.7 Explain anatomical basis of enlarged axillary lymph nodes Dissection of Brachial plexus Dissection of Brachial plexus (Batch A & B)		AN10.8 identify and demonstrate the position, attachment, nerve supply and actions of trapezius and latissimus dorsi Dissection of Scapular Region Dissection of Scapular Region (Batch A & B)	
01 - 02pm						
02 - 03pm	(PH2.12) Muscle-Nerve preparation & Simple Muscle Curve -P (PH2.12)	(PY-3.18) Effect of temperature on Skeletal muscle.-P (PY- 2.11) Estimation of haemoglobin - P Qualitative Study of Disacchride (Sucrose) (B)	(PY-3.18) Effect of temperature on Skeletal muscle. - P (PY- 2.11) Estimation of haemoglobin - P Qualitative Study of Disacchride (Sucrose) (B)		Practical/Demonstraion WBC Count (P)	
03 - 04pm	Tonicity of saline and Fragility of RBC - P Qualitative Study of Disacchride (Maltose & Lactose) (B)				Practical/Demonstraion Osazone (B)	
04 - 05pm		SDL Glycogen storage diseases (B)	SDL ESR (P)	SDL - Cubital fossa (Anatomy)		

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09-10am	PY2.7 Describe the formation of platelets, functions and variations Platelet	PY3.9 Describe the molecular basis of muscle contraction in skeletal and in smooth muscles Muscle contraction & PY3.10 Type of muscle contraction & PY3.11 Muscle metabolism (HI-Biochemistry) & PY3.12 Gradation of muscular activity (VI- General Medicine)	PY2.8 Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura) Hemostasis (VI- Pathology)	PY2.9 Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion Blood group	BI3.6 Describe and discuss the concept of TCA cycle as a amphibolic pathway and its regulation. BI3.7 Describe the common poisons that inhibit crucial enzymes of carbohydrate metabolism (eg; fluoride, arsenate) TCA Cycle & its Regulation (HI- Physiology)	BI3.4 B Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). Glycogen Metabolism, functions of glycogen, glycogenesis and glycogenolysis (VI- General Medicine)
10 - 11am	AN10.10 Describe the deltoid and rotator cuff muscles scapular/ Deltoid region - Scapulo-Humerus movement, Deltoid, supraspinatous, Infraspinatous, Coracobrachialis, Short head of Biceps, Rotator cuff, Movement of Scapula	AN11.1 Describe muscle groups of upper arm with emphasis on biceps and triceps brachii AN11.2 describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Front of Arm: Muscles, nerve & Blood Vessels & Cubital fossa	AN11.5 describe boundaries and contents of cubital fossa AN11.3 Describe the anatomical basis of Venepuncture of cubital veins Cubital Fossa (VI- General Surgery)	AN11.4 Describe the anatomical basis of Saturday night paralysis AN10.9 Describe the arterial anastomosis around the scapula and mention the boundaries of triangle of auscultation AN10.13 Explain anatomical basis of Injury to axillary nerve during intramuscular injections Back of Arm : Muscles, nerves, Blood vessels, Triangular & quadrangular spaces, anastomosis around Scapula (VI- Orthopedics)	AN10.12 Describe shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy Shoulder Joint : Acromio-Clavicular joint, sterno clavicular joint (VI- Orthopedics)	Foundation Course
11 - 01pm	AN10.10 Identify the deltoid and rotator cuff muscles Dissection of Back of scapula Dissection of Back of scapula (Batch - A & B)	AN11.2 Identify origin, course, relations, branches (or tributaries), termination of important nerves and vessels in arm Dissection of Front of Arm Dissection of Front of Arm (Batch - A & B)	AN11.5 Identify boundaries and contents of cubital fossa Dissection of Cubital Fossa Dissection of Cubital Fossa (Batch - A & B)	Dissect the back of Arm, identify the various Nerves Blood Vessels Dissect the back of Arm, identify the various Nerves Blood Vessels (Batch - A & B)	AN10.12 Demonstrate shoulder joint for– type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, muscles involved, blood supply, nerve supply and applied anatomy Dissect the shoulder joint Dissect the shoulder joint (Batch - A & B)	
01 - 02pm						
02 - 03pm	(PY-3.18) Effect of load on Skeletal Muscle Contraction - P (PY- 2.11) Total white blood cell count - P Study of Osazone (B)	(PY-3.18) Effect of load on Skeletal Muscle Contraction - P (PY- 2.11) Total white blood cell count - P Study of Osazone (B)	(PY-3.18) Effect of load on Skeletal Muscle Contraction - P (PY- 2.11) Total white blood cell count - P Study of Osazone (B)	ECE Jaundice (P)	Practical/Demonstration RBC count (P)	
03 - 04pm				SGD/Tutorial FA - Enzyme (B)	Practical/Demonstration study of Polysaccharide (Starch) (B)	
04 - 05pm		SGD Complex and Derived Lipids (B)		ECE Clinical Importance of Mucopolisaccharide (VI- General Medicine) (B)	SDL - Joint forearm (Anatomy)	

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	22.03.2021	23.03.2021	24.03.2021	25.03.2021	26.03.2021	27.03.2021
09-10am	PY2.10 Define and classify different types of immunity. Describe the development of immunity and its regulation Immunity	PY5.1 Describe the functional anatomy of heart including chambers, sounds; and Pacemaker tissue and conducting system Heart (HI- Human Anatomy)	PY6.1 Describe the functional anatomy of respiratory tract Respiratory Tract & PY6.2 Mechanics of Respiration	PY5.3 Discuss the events occurring during the cardiac cycle Caediac cycle	BI3.4 C Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). HMP Shunt & their significance, importance of pentoses and NADPH & G6PD deficiency (VI- General Medicine)	BI3.4 D Define and differentiate the pathways of carbohydrate metabolism, (glycolysis, gluconeogenesis, glycogen metabolism, HMP shunt). Gluconeogenesis , its importance & regulations (VI- General Medicine)
10 - 11am	AN13.1 Describe and explain Fascia of upper limb and compartments, veins of upper limb and its lymphatic drainage AN13.2 Describe dermatomes of upper limb Cutaneous Nerve , Dermatomes Superficial vessels, lymphatic dranaige of upper limb	AN12.1 Describe important muscle groups of ventral forearm with attachments, nerve supply and actions Front of Foraream -I - Muscles	AN12.2 describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of forearm Front of Forarm -II - Nerve & Blood Vessels	AN12.3 describe flexor retinaculum with its attachments AN12.4 Explain anatomical basis of carpal tunnel syndrome AN12.9 describe fibrous flexor sheaths, ulnar bursa, radial bursa and digital synovial sheaths AN12.10 Explain infection of fascial spaces of palm Flexer retinnaculum , Palmar aponuersis, flexer fibrous sheath, superficial palmer arch (VI- General Surgery)	AN12.5 describe small muscles of hand. Also describe movements of thumb and muscles involved AN12.7 describe course and branches of important blood vessels and nerves in hand Short muscles of hand, Thener & hypothener muscles, superficial palmar arch, Nerves of hand, Blood vessels of hand (VI- General surgery)	Foundation Course
11 - 01pm	AN8.5 Identify and name various bones in articulated hand, Specify the parts ofmetacarpals and phalanges and enumerate the peculiarities of pisiform Demonstration Articulated Hand Demonstration Articulated Hand (Batch - A & B)	AN12.1 Demonstrate important muscle groups of ventral forearmwith attachments, nerve supply and actions Dissection of Forarm supply and actions Dissection of Forarm (Batch - A & B)	AN12.2 Identify origin, course, relations, branches (or tributaries),termination of important nerves and vessels of forearm Dissection of Forarm Dissection of Forarm (Batch - A & B)	AN12.3 Identify flexor retinaculum with its attachments AN12.4 Explain anatomical basis of carpal tunnel syndrome AN12.9 Identify fibrous flexor sheaths, ulnar bursa, radial bursa anddigital synovial sheaths Dissection of Flexor retinnaculum , Palmar aponuersis, Flexor fibrous sheath, superficial palmer arch Dissection of Flexor retinnaculum , Palmar aponuersis, Flexor fibrous sheath, superficial palmer arch (Batch - A & B)	AN12.5 Identify small muscles of hand. AN12.6 demonstrate movements of thumb and muscles involved AN12.7 Identify course and branches of important blood vessels andnerves in hand AN12.8 anatomical basis of Claw hand Dissection of Palm Dissection of Palm (Batch - A & B)	
01 - 02pm						
02 - 03pm	(PY-3.18) Effect of two successive stimuli - P (PY- 2.11) Total red blood cell count -P Qualitative study of Polysaccharide (Starch & Dextrins) (B)	(PY-3.18) Effect of two successive stimuli - P (PY- 2.11) Total red blood cell count - P Qualitative study of Polysaccharide (Starch & Dextrins) (B)	(PY-3.18) Effect of two successive stimuli - P (PY- 2.11) Total red blood cell count -P Qualitative study of Polysaccharide (Starch & Dextrins) (B)	ECE Myasthenia gravis (P)	Practical/Demonstraion Focusing of Nuetrophil (P)	
03 - 04pm				SGD/Tutorial significance HMP Shunt & their (VI- General Medicine) (B)	Lecture BI11.23 Calculate energy content of different food Items, identify food items with high and low glycemic index and explain the importance of these in the diet Energy content of different food itmes & their glycemic index (B)	
04 - 05pm		SDL Carbohydrate metabolism with FA (B)	SDL Neuro-muscular transmission (P)	ECE Clinical Importance of Carbohdrate metaboilsm (VI- General Medicine & Pathology) (B)	SDL - Joint forearm (Anatomy)	

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Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	29.03.2021	30.03.2021	31.03.2021	01.04.2021	02.04.2021	03.04.2021
09-10am	Holiday of Holi	<p>PY6.2 Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs Lung volumes & capacities</p>	<p>PY5.4 Describe generation, conduction of cardiac impulse Conducting system of heart</p>	<p>PY5.5 & PY5.6 Describe the physiology of electrocardiogram (E.C.G), its applications and the cardiac axis Electrocardiogram (E.C.G)-1 (VI- General Medicine) & Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction</p>	Holiday of good Friday	<p>BI3.8 Discuss and interpret laboratory results of analytes associated with metabolism of carbohydrates BI3.9 Discuss the mechanism and significance of blood glucose regulation in health and disease. BI3.10 Interpret the results of blood glucose levels and other laboratory investigations related to disorders of carbohydrate metabolism. Blood glucose regulation & DM (VI- Pathology, General Medicine)</p>
10 - 11am		<p>AN12.11 describe and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Extensor compartment-I, Superficial muscles, Brachioradialis, Ext. Carpi radialis Longus, Ext. Carpi radialis brevis, Ext. Digitimini, Ext. Carpi ulnaris, Anconeus (VI- General surgery)</p>	<p>AN12.12 describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm AN12.13 Describe the anatomical basis of Wrist drop AN12.15 describe extensor expansion formation Extensor compartment -II, Extensor retinaculum, Post. Inter osseus nerve, post. Interosseus artery & Applied (VI- General surgery)</p>	<p>AN13.3 describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint Elbow Joint, Radio ulnar joint</p>		Foundation Course
11 - 01pm		<p>AN12.11 Identify and demonstrate important muscle groups of dorsal forearm with attachments, nerve supply and actions Dissection of Back of forearm Dissection of Back of forearm (Batch - A&B)</p>	<p>AN12.12 Identify origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of forearm AN12.14 Identify compartments deep to extensor retinaculum AN12.15 Identify extensor expansion formation Dissection of Extensor compartment of Forearm Dissection of Extensor compartment of Forearm (Batch - A&B)</p>	<p>AN13.3 Identify the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint Dissection of Wrist and inferior radio-ulnar joint Dissection of Wrist and inferior radio-ulnar joint (Batch - A&B)</p>		
01 - 02pm						
02 - 03pm		<p>(PY-3.18) Genesis of tetanus - P (PY-2.11) Cells in Peripheral blood film - P Identification of Unknown Carbohydrate (B)</p>	<p>(PY-3.18) Genesis of tetanus - P (PY-2.11) Cells in Peripheral blood film - P Identification of Unknown Carbohydrate (B)</p>	<p>ECE Rh incompatibility (P)</p>		
03 - 04pm				<p>SGD/Tutorial Other metabolism pathway of CHB (B)</p>		
04 - 05pm		<p>Tutorial Alfa & other oxidation of Fatty Acid. (B)</p>	<p>SDL Hemophilia (P)</p>	<p>SDL PSM</p>		

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	05.04.2021	06.04.2021	07.04.2021	08.04.2021	09.04.2021	10.04.2021
09-10am	PY6.3 Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide Transport of respiratory gases	PY6.5 & PY6.7 Describe and discuss lung function tests & their clinical significance Lung function tests	PY5.7 & PY5.8 Describe and discuss haemodynamics of circulatory system Haemodynamics	PY6.7 Describe and discuss lung function tests & their clinical significance Regulation of respiration	BI4.1 A Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions. Lipid Chemistry I, its classification & functions (VI- General Medicine)	BI4.1 B Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions. Lipid Chemistry II- phospholipids its classification, glycolipids lipoproteins & steroids (VI- General Medicine)
10 - 11am	AN13.3 describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of wrist joint & first carpometacarpal joint AN13.4 Describe Sternoclavicular joint, Acromioclavicular joint, Carpometacarpal joints & Metacarpophalangeal joint AN21.1 Identify and describe the salient features of sternum, Wrist joint, Sterno-clavicular joint, Acromio-clavicular joint, Carpo-Metacarpal joint	AN13.6 Identify & demonstrate important bony landmarks of upper limb: Jugular notch, sternal angle, acromial angle, spine of the scapula, vertebral level of the medial end, Inferior angle of the scapula AN13.7 Identify & demonstrate surface projection of: Cephalic and basilic vein, Palpation of Brachial artery, Radial artery, Testing of muscles: Trapezius, pectoralis major, serratus anterior, latissimus dorsi, deltoid, biceps brachii, Brachioradialis Surface Marking of Upper Limb	AN13.5 bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand Radiology of Upper Limb (VI- Radio Diagnosis)	AN73.1 Describe the structure of chromosomes with classification AN73.2 Describe technique of karyotyping with its applications AN73.3 Describe the Lyon's hypothesis Genetic - I : Chromosome Structure, Classification, Karyotyping and Lyon Hypothesis	AN74.1 Describe the various modes of inheritance with examples AN74.3 Describe multifactorial inheritance with examples Patterns of Inheritance (VI- General Medicine, Pediatrics)	Foundation Course
11 - 01pm	AN13.3 Identify the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements, blood and nerve supply of elbow joint, proximal and distal radio-ulnar joints, wrist joint & first carpometacarpal joint AN21.1 Identify and describe the salient features of sternum, typical rib, 1st rib and typical thoracic vertebra Demonstration of Sternum Demonstration of Sternum (Batch - A & B)	AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand Surface Marking of Upper Limb Surface Marking of Upper Limb (Batch - A & B)	AN13.5 Identify the bones and joints of upper limb seen in anteroposterior and lateral view radiographs of shoulder region, arm, elbow, forearm and hand Radiology of Upper Limb Radiology of Upper Limb (Batch - A & B)	AN21.1 Identify the silent features of typical thoracic vertebra Demonstration Thoracic Vertebra- I Demonstration Thoracic Vertebra- I (Batch - A & B)	AN21.1 Identify and describe the silent features of atypical thoracic vertebra Demonstration Thoracic Vertebra- II Demonstration Thoracic Vertebra- II (Batch - A & B)	
01 - 02pm						
02 - 03pm	(PY-3.18) Genesis of tetanus - P (PY-2.11) Cells in Peripheral blood film - P Identification of Unknown Carbohydrate (B)	(PY-3.18) Phenomenon of fatigue - P (PY-2.11) Differential W.B.C. count - P Study of Color reaction of Protein (B)	(PY-3.18) Phenomenon of fatigue - P (PY-2.11) Differential W.B.C. count - P Study of Color reaction of Protein (B)	ECE Blood transfusion (P)	Practical/Demonstration Focusing of lymphocyte (P)	
03 - 04pm				SGD/Tutorial FA - Carbohydrate chemistry & Metabolism (B)	Practical Qualitative study of Polysaccharide (Dextrins) (B)	
04 - 05pm		SDL/ Lecture Lipid metabolism (B)	SDL Walk-along theory (P)	ECE - GTT (B) (VI- Pathology)	SDL - Shoulder Joint (Anatomy)	

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	12.04.2021	13.04.2021	14.04.2021	15.04.2021	16.04.2021	17.04.2021
09-10am	PY6.6 Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing Applied Physiology of Respiratory system	Holiday of Gudi Padwa	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure Heart rate	PY6.4 Describe and discuss the physiology of high altitude and deep sea Diving Physiology of high altitude	BI4.1 B Describe and discuss main classes of lipids (Essential/non-essential fatty acids, cholesterol and hormonal steroids, triglycerides, major phospholipids and sphingolipids) relevant to human system and their major functions. Lipid Chemistry II- phospholipids its classification, glycolipids lipoproteins & steroids (VI- General Medicine)	BI4.2 Describe the processes involved in digestion and absorption of dietary lipids and also the key features of their metabolism Digestion and absorption of Lipid (VI- General Medicine)
10 - 11am	AN74.4 Describe the genetic basis & clinical features of Achondroplasia, Cystic Fibrosis, Vitamin D resistant rickets, Haemophilia, Duchene's muscular dystrophy & Sickle cell anaemia (VI- General Medicine, Pediatrics)		AN75.1 Describe the structural and numerical chromosomal aberrations AN75.2 Explain the terms mosaics and chimeras with example AN75.3 Describe the genetic basis & clinical features of Prader Willi syndrome, Edward syndrome & Patau syndrome AN75.4 Describe genetic basis of variation: polymorphism and mutation Principle of Genetics, Chromosomal Aberration (VI- Pediatrics)	AN75.5 Describe the principles of genetic counselling Genetic Counseling (VI- Pediatrics, Obstetrics & Gynaecology)	AN21.3 Describe boundaries of thoracic inlet, cavity and outlet. Introduction of thoracic cage	Foundation Course
11 - 01pm	AN21.2 Identify the features of Typical ribs Demonstration of Typical Rib Demonstration of Typical Rib (Batch - A & B)		AN21.2 Identify the features of 2nd, 11th and 12th ribs, 1st, 11th and 12th thoracic vertebrae Demonstration of Atypical Rib Demonstration of Atypical Rib (Batch A & B)	AN74.2 Draw pedigree charts for the various types of inheritance & give examples of diseases of each mode of inheritance Practical of Genetics Practical of Genetics (Batch A & B)	AN21.3 Demonstration of boundaries of thoracic inlet, cavity and outlet. Bony Thoracic cage Bony Thoracic cage (Batch A & B)	
01 - 02pm						
02 - 03pm	(PY-3.18) Phenomenon of fatigue - P (PY-2.11) Differential W.B.C. count - P Study of Color reaction of Protein (B)		(PY-3.18) Velocity of nerve impulse - P Revision of Haematology practicals - P Precipitation reaction of Protein (B)	ECE (P) EMG	Practical/Demonstration Platelet count (P)	
03 - 04pm				SGD/Tutorial Lipid Chemistry (B)	Practical/Demonstration Study of Unknown Carbohydrate (B)	
04 - 05pm			SDL Isotonic & isometric contraction of muscle (P)	ECE - Disorders associated to Ketone Bodies (VI- Pathology) (B)	SDL - Blood Supply of Heart (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	19.04.2021	20.04.2021	21.04.2021	22.04.2021	23.04.2021	24.04.2021
09-10am	PY5.9 Describe the factors affecting heart rate, regulation of cardiac output & blood pressure Cardiac output	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation Lymphatic circulation (VI- General Medicine)	Holiday of Ramnavami	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation Coronary circulation (VI- General Medicine)	β Fatty acid oxidation (B)	Metabolism of Ketone body (B)
10 - 11am	AN21.4 Describe extent attachments direction of fibre, nerve supply and action of intercostal muscles. Coverings of thoracic wall intercostal muscles intercostal spaces, intercostal muscles, nerve supply and actions.	AN21.5 Describe origin course, relations and branches of a typical intercostal AN21.6 Mention origin, course and branches/ tributaries of: I) anterior & posterior intercostal vessels II) internal thoracic vessels AN 21.7: Mention origin, course relations & Branches of: 1. Atypical intercostal nerve. 2. Superior intercostal artery, subcostal artery Intercostal nerves intercostal vessels, internal thoracic artery, Lymphatics & Lymph node.		AN21.8 Describe type surfaces and movements of Manubriosternal, costovertebral, costotransverse and xiphisternal joints SGD - Joints of Thorax (Manubrio-sternal, costovertebral, costotransverse and xiphisternal joints.	AN21.9 Describe mechanics and types of respiration. 21.10 Describe costochondral and interchondral joints Costo-chondral & interchondral joints. Mechanics & Types of respiration. (HI- Physiology)	Foundation Course
11 - 01pm	AN21.4 demonstrate extent, attachments, direction of fibres, nerve supply and actions of intercostal muscles Dissection of intercostal space, intercostal muscles & nerve Dissection of intercostal space, intercostal muscles & nerve (Batch A & B)	AN21.5 Demonstrate origin course, relations and branches of a typical intercostal AN 21.7: Mention origin, course relations & Branches of: 1. Atypical intercostal nerve. 2. Superior intercostal artery, subcostal artery Dissection of contents of intercostal space Dissection of contents of intercostal space (Batch A & B)		AN21.8 Demonstration of type surfaces and movements of Manubriosternal, costovertebral, costotransverse and xiphisternal joints Demonstration of joint of Thorax Demonstration of joint of Thorax (Batch A & B)	AN21.9 Demonstration of mechanics and types of respiration. Demonstration of joints Demonstration of joints (Batch-A & B)	
01 - 02pm						
02 - 03pm	(PY-3.18) Velocity of nerve impulse - P Revision of Haematology practicals - P Precipitation reaction of Protein (B)	(PY-3.18) Velocity of nerve impulse - P Revision of Haematology practicals - P Precipitation reaction of Protein (B)		ECE Heart block (P)	Practical/Demonstration Reticulocyte count (P)	
03 - 04pm				SGD/Tutorial Plasma Protein diet & their applications (B)	Practical/Demonstration Color Reaction of Protein (B)	
04 - 05pm		SDL/ Lecture Assignment discussion (B)		ECE - Interpret the laboratory results of lipid metabolism (B) (VI- General Medicine)	SDL - Angina Pectoris (Anatomy)	

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	26.04.2021	27.04.2021	28.04.2021	29.04.2021	30.04.2021	01.05.2021
09-10am	I Sessional Exam 2021					
10 - 11am						
11 - 01pm						
01 - 02pm						
02 - 03pm						
03 - 04pm						
04 - 05pm						

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Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	03.05.2021	04.05.2021	05.05.2021	06.05.2021	07.05.2021	08.05.2021
09-10am	PY4.1 Describe the structure and functions of digestive system (HI- Human Anatomy)	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation (VI- General Medicine)	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation (VI- General Medicine)	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion (VI- General Medicine)	Synthesis of Fatty acid & its regulation (B)	BI4.3 Explain the regulation of lipoprotein metabolism & associated disorders BI4.4 Describe the structure and functions of lipoproteins, their interrelations & relations with atherosclerosis Lipoprotein metabolism and its transport (VI- General Medicine) (B)
10 - 11am	AN 24.1: Mention the blood supply lymphatic drainage, nerve supply extent of pleura and describe pleural recesses and applied anatomy. 24.4 Describe phrenic nerve & describe its formation & distribution (VI- Sharing - General Medicine , HI-Alignment- Physiology)	AN24.6 Describe the extent, length, relations, blood supply, lymphatic drainage and nerve supply of trachea AN24.2 Describe side, external features and relations of structures which form root of lung & bronchial tree and their clinical correlate AN24.3 Describe a bronchopulmonary segment AN24.5 Mention the blood supply, lymphatic drainage and nerve supply of lungs (VI- Sharing - General Medicine , HI-Alignment- Physiology)	21.11 Mention boundaries and contents of the superior anterior, middle and posterior mediastinum. (VI- Sharing - General Medicine , HI-Alignment- Physiology)	AN22.1 Describe subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium (VI- Sharing - General Medicine , HI-Alignment- Physiology)	AN22.2 Describe external and internal features of each chamber of heart AN22.3 Describe origin, course and branches of coronary arteries AN22.4 Describe anatomical basis of ischaemic heart disease AN22.5 Describe the formation, course, tributaries and termination of coronary sinus (VI- Sharing - General Medicine , HI-Alignment- Physiology)	Foundation Course
11 - 01pm	24.4 Identify phrenic nerve & describe its formation & distribution (VI- Sharing - General Medicine , HI-Alignment- Physiology)	AN24.4 Identify phrenic nerve & describe its formation & distribution (VI- Sharing - General Medicine , HI-Alignment- Physiology) AN25.1 Identify, draw and label a slide of trachea and lung (VI- Sharing - General Medicine , HI-Alignment- Physiology)	21.11 Identify the boundaries and contents of the superior anterior, middle and posterior mediastinum. (VI- Sharing - General Medicine , HI-Alignment- Physiology)	AN22.1 demonstrate subdivisions, sinuses in pericardium, blood supply and nerve supply of pericardium (VI- Sharing - General Medicine , HI-Alignment- Physiology)	AN22.2 Demonstration of external and internal features of each chamber of heart AN22.3 Demonstration of origin, course and branches of coronary arteries AN22.5 Demonstration of the formation, course, tributaries and termination of coronary sinus (VI- Sharing - General Medicine , HI-Alignment- Physiology)	
01 - 02pm						
02 - 03pm	Revision of Amphibian Practicals - P Absolute count, Arneth count - P BI11.3 Describe the chemical components of normal urine. Analysis of normal constituents of urine	Revision of Amphibian Practicals - P Absolute count, Arneth count - P BI11.3 Describe the chemical components of normal urine. Analysis of normal constituents of urine	Revision of Amphibian Practicals - P Absolute count, Arneth count - P BI11.3 Describe the chemical components of normal urine. Analysis of normal constituents of urine (B)	ECE MI (P)	Practical/Demonstraion Prothrombin time (P)	
03 - 04pm				SGD/Tutorial Plasma Protein diet & their applications (B)	Practical/Demonstraion BI11.3 Describe the chemical components of normal urine. Describe the normal constituents of Urine (B)	
04 - 05pm		SDL Journal Complition (B)	SDL Heart Sound (P)	SDL PSM	SDL - Broncho Pulmonary system (Anatomy)	

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	10.05.2021	11.05.2021	12.05.2021	13.05.2021	14.05.2021	15.05.2021
09-10am	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation Skin & Splanchnic circulation (VI- General Medicine)	PY5.10 Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation Foetal circulation (VI- General Medicine)	PY4.2 Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion Pancreatic & Intestinal juice (HI- Biochemistry)	PY5.11 Describe the patho-physiology of shock, syncope and heart failure Shock	Holiday of Id-Ul-Fitar	Cholesterol Metabolism I Cholesterol biosynthesis, degradation of cholesterol & hyper & hypocholesterolemia (B)
10 - 11am	AN22.2 Describe external and internal features of each chamber of heart Interior of Left atrium & Left Ventricle (Hi - Alignment- Physiology)	AN22.6 Describe the fibrous skeleton of heart AN22.7 Mention the parts, position and arterial supply of the conducting system of heart Skeleton of Heart and conducting system of Heart (Vi-Sharing - General Medicine)	AN23.1 Describe the external appearance, relations, blood supply, nerve supply, lymphatic drainage and applied anatomy of oesophagus Oesophagus, Vagus nerve, superficial and Deep cardiac plexus, splanchnic nerve (VI- Sharing - General Surgery)	AN23.4 Mention the extent, branches and relations of arch of aorta & descending thoracic aorta AN23.2 Describe the extent, relations tributaries of thoracic duct and enumerate its applied anatomy AN23.7 Mention the extent, relations and applied anatomy of lymphatic duct Aorta, Ascending aorta, descending thoracic aorta, thoracic duct & lymph nodes of thorax (VI- Sharing - General Surgery)		Foundation Course
11 - 01pm	AN22.2 Demonstration of external and internal features of each chamber of heart AN22.3 Demonstration of origin, course and branches of coronary arteries Dissection of Chambers of Heart Dissection of Chambers of Heart (Batch- A& B)	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position, AN14.2 Identify & describe joints formed by the given bone. AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment Demonstration of Hip Bone-I Demonstration of Hip Bone-I (Batch- A& B)	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position, AN14.2 Identify & describe joints formed by the given bone. AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment Demonstration of Hip Bone-II Demonstration of Hip Bone-II (Batch- A& B)	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position, AN14.2 Identify & describe joints formed by the given bone. AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment Demonstration of Lumbar Vertebra Demonstration of Lumbar Vertebra (Batch- A& B)		
01 - 02pm						
02 - 03pm	(PY-3.18) Frog's heart beat & effect of temperature - P (PY-2.12) Packed cell volume & ESR - P BI11.4 Perform urine analysis to estimate and determine normal and abnormal Analysis of abnormal constituents of urine (B)	(PY-3.18) Frog's heart beat & effect of temperature - P (PY-2.12) Packed cell volume & ESR - P BI11.4 Perform urine analysis to estimate and determine normal and abnormal Analysis of abnormal constituents of urine (B)	(PY-3.18) Frog's heart beat & effect of temperature - P (PY-2.12) Packed cell volume & ESR - P BI11.4 Perform urine analysis to estimate and determine normal and abnormal Analysis of abnormal constituents of urine (B)	ECE Arrhythmia		
03 - 04pm				SGD Disorders of cholesterol metabolism (B)		
04 - 05pm		SDL Branched Chain Amino Acid (B)	SDL Functions of Respiratory system	ECE Biological importance of Peptide (Physiology) (B)		

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	17.05.2021	18.05.2021	19.05.2021	20.05.2021	21.05.2021	22.05.2021
09-10am	PY5.11 Describe the pathophysiology of shock, syncope and heart failure Heart failure	PY4.3 Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre. GIT movements	PY8.6 Describe & differentiate the mechanism of action of steroid, protein and amine hormones Mechanism of action of Hormones	PY4.4 Describe the physiology of digestion and absorption of nutrients Digestion and absorption of nutrients (HI- Biochemistry)	BI4.5 Interpret laboratory results of analytes associated with metabolism of lipids BI4.6 Interpret laboratory results of analytes associated with metabolism of lipids. Cholesterol Metabolism II Cholesterol biosynthesis, degradation of cholesterol & hyper & hypocholesterolemia (VI- General Medicine)(B)	Chemistry of Amino acid- classification, properties and structures (B)
10 - 11am	AN23.3 Describe origin, course, relations, tributaries and termination of superior venacava, azygos, hemiazygos and accessory hemiazygos veins Superior Venacava, azygos vein, hemiazygos vessels of posterior thoracic wall	Surface marking - lines of pleural reflection, borders of lungs and fissure of lung, borders of heart, valve of heart, apex beat	Part completion test - Thorax	AN44.1 Describe the Planes (transpyloric, transtuberular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen AN44.7 Enumerate common Abdominal incisions introduction of Abdomen - Ant. Abd. Wall, Sup. Facia, Sup. Lymphatics (VI- Sharing- General Surgery)	AN44.6 Describe attachments of muscles of anterior abdominal wall AN44.2 Describe the Fascia, nerves & blood vessels of anterior abdominal wall AN44.3 Describe the formation of rectus sheath and its contents Muscles of Ant. Abdominal wall, Facia transversalis, rectus sheath (VI- Sharing- General Surgery)	Foundation Course
11 - 01pm	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position, AN14.2 Identify & describe joints formed by the given bone. AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment Demonstration of Sacrum Demonstration of Sacrum (Batch- A & B)	AN25.9 Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart surface anatomy of thorax, marking on cadaver anatomy of thorax, marking on cadaver (Batch A & B)		AN44.1 demonstrate the Planes (transpyloric, transtuberular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Dissection of Ant. Abdomen wall Dissection of Ant. Abdomen wall (Batch A & B)	AN44.6 Demonstration attachments of muscles of anterior abdominal wall AN44.2 Identify the Fascia, nerves & blood vessels of anterior abdominal wall AN44.3 Demonstration the formation of rectus sheath and its contents Dissection of Ant. Abdomen wall muscles, rectus sheath Dissection of Ant. Abdomen wall muscles, rectus sheath (Batch A & B)	
01 - 02pm						
02 - 03pm	(PY-3.18) Effect of Stannius ligatures - P (PY-2.11) Blood indices & related calculations - P	(PY-3.18) Effect of Stannius ligatures - P (PY-2.11) Blood indices & related calculations - P	(PY-3.18) Effect of Stannius ligatures calculations - P (PY-2.11) Blood indices & related calculations - P	ECE Obstructive lung diseases	Practical/Demonstration Anti-Coagulant (P)	
03 - 04pm	BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. Urine report (B)	BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. Urine report (B)	BI11.20 Identify abnormal constituents in urine, interpret the findings and correlate these with pathological states. Urine report (B)	SGD Protien structure (B)	Practical/Demonstration BI11.4 Perform urine analysis to estimate and determine normal and abnormal constituents study of abnormal constituents of Urine (B)	
04 - 05pm		SDL/ Lecture Assignment discussion (B)	SDL Properties of cardiac muscle	ECE Disorders associated to Lipoprotein metabolism (General Medicine)	SDL - Lymphatic Drainage of Breast (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	24.05.2021	25.05.2021	26.05.2021	27.05.2021	28.05.2021	29.05.2021
09-10am	PY4.5 & PY4.6 Describe the source of GIT hormones, their regulation and functions GIT hormones	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Hypothalamus	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Pituitary gland	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Thyroid gland-1	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies chemistry of protein- classifications, properties, functions (VI- Pathology, General Medicine) (HI- Physiology) (B)	BI5.1 Describe and discuss structural organization of proteins. Chemistry of Protein different levels structures of protein (B)
10 - 11am	AN44.4 Describe extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Inguinal Ligament, Inguinal canal & Hesselbach's Triangle (VI- Sharing- General Surgery)	AN44.5 Explain the anatomical basis of inguinal hernia. Inguinal Hernia, Scrotum, Spermatic cord (VI- Sharing- General Surgery)	AN45.1 Describe Thoracolumbar fascia AN47.1 Describe boundaries and recesses of Lesser & Greater sac Post. Abdominal wall, Thoraco lumbar fascia, exposure of Kidney from back The Peritonium, features, folds, vertical disposition, lesser & greater Omentum (VI- Sharing- General Surgery)	N47.1 Describe boundaries and recesses of Lesser & Greater sac, AN47.2 Name of various peritoneal folds & pouches with its explanation, AN47.3 Explain anatomical basis of Ascites & Peritonitis The Peritonium, features, folds, vertical disposition, lesser & greater Omentum (VI- Sharing- General Surgery)	AN47.2 Name of various peritoneal folds & pouches with its explanation, Horizontal disposition of peritonium, omental bursa, lienorenal & Gastrosplenic ligament	
11 - 01pm	AN44.4 demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Dissection of Inguinal canal Dissection of Inguinal canal (Batch A & B)	AN44.4 demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Dissection of Scrotum , Spermatic cord Dissection of Scrotum , Spermatic cord (Batch A & B)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.1 Identify boundaries and recesses of Lesser & Greater sac Dissection of Thoraco lumbar fascia, exposure of Kidney from back Dissection of Exposure of abdominal cavity, disposition of viscera (Batch A & B)	AN47.2 identify various peritoneal folds & pouches with its explanation Dissection of Peritonium Dissection of Peritonium (Batch A & B)	AN47.2 identify various peritoneal folds & pouches with its explanation Dissection of Peritonium - foleds & ligaments Dissection of Peritonium - foleds & ligaments (Batch A & B)	
01 - 02pm						
02 - 03pm	Properties of cardiac muscle - P Bleeding time & clotting time - P Chemistry & analysis of egg white (B)	Properties of cardiac muscle - P Bleeding time & clotting time - P Chemistry & analysis of egg white (B)	Properties of cardiac muscle - P Bleeding time & clotting time - P Chemistry & analysis of egg white (B)	ECE Hypertension (P)	Practical/Demonstraion Cardiac cycle	
03 - 04pm				SGD protien classification (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pHmeter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyzer•ELISA•Immunodiffusion•Autoanal yser•Quality control•DNA isolation from blood/ tissue DNA isolation from blood (B)	
04 - 05pm		SDL Iron Metabolism (B)	SDL Transport of respiratory gases (P)	ECE Interpret the laboratory results of Urea metabolism (VI- Pathology)	SDL - Diaphragm (Anatomy)	

Foundation Course

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	31.05.2021	01.06.2021	02.06.2021	03.06.2021	04.06.2021	05.06.2021
09-10am	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Thyroid gland-2	PY8.1 & 8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Parathyroid gland	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Adrenal gland-1	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Adrenal gland-2	BI5.3 Describe the digestion and absorption of dietary proteins. Digestion and absorption of Protein (VI-Pediatrics) (B)	Mechanism of Transamination and Deamination (B)
10 - 11am	N47.5 Describe major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Abdominal part of Oesophagus, The stomach (Sharing-General Surgery)	AN47.5 Describe Spleen of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Spleen, portal vein, Porto caval anastomosis (Sharing - General Surgery)	AN47.5 Describe the Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Duodenum- Gross Anatomy (Sharing - General Surgery)	AN47.5 Describe small intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Small Intestine, Jejunum, Ileum, Mesentery, Difference between jejunum and ileum, Applied aspect structure (Sharing - General Surgery)	AN47.5 Describe Large intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Large intestine, Parts cardinal features, caecum and appendix (Sharing - General Surgery)	Foundation Course
11 - 01pm	AN47.5 Demonstration major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of oesophagus and stomach Dissection of oesophagus and stomach (Batch A&B)	AN47.5 Demonstration Spleen of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.8 identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis & caput medusae in portal hypertension Dissection and Demonstration of spleen (Batch A&B)	AN47.5 Demonstrate the Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Duodenum (Batch A&B)	AN47.5 Demonstrate small intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Small Intestine (Batch A&B)	AN47.5 Demonstrate Large intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Large Intestine (Batch A&B)	
01 - 02pm						
02 - 03pm				ECE Restrictive lung diseases (P)	Practical/Demonstration Plethysmography	
03 - 04pm	(PY-5.12) (PY-5.16) Examination of pulse & finger plethysmography - P (PY-2.11) Blood grouping - P Chemistry & analysis Casein (B)	(PY-5.12) (PY-5.16) Examination of pulse & finger plethysmography - P (PY-2.11) Blood grouping - P Chemistry & analysis Casein (B)	(PY-5.12) (PY-5.16) Examination of pulse & finger plethysmography - P (PY-2.11) Blood grouping - P Chemistry & analysis Casein (B)	SGD/Tutorial Urea Cycle & disorders (B)	Practical/Demonstration BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: pH meter • Paper chromatography of amino acid • Protein electrophoresis • TLC, PAGE • Electrolyte analysis by ISE • ABG analyzer • ELISA • Immunodiffusion • Autoanalyser • Quality control • DNA isolation from blood/ tissue ABG analyzer (B)	
04 - 05pm		SDL ELISA (B)	SDL Coronary circulation (P)	SDL PSM	SDL - Thoraco lumber Fascia (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	07.06.2021	08.06.2021	09.06.2021	10.06.2021	11.06.2021	12.06.2021
09-10am	PY10.1 Describe and discuss the organization of nervous system Organization of nervous system (HI- Human Anatomy)	PY8.2 Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Pancreas	PY10.2 Describe and discuss the functions and properties of synapse, reflex, receptors Synapse (HI- Human Anatomy)	PY8.3 Describe the physiology of Thymus & Pineal Gland Thymus & Pineal Gland	Urea Cycle- its regulations & metabolic disorders (B)	Metabolism of aliphatic amino acid I (B)
10 - 11am	AN47.5 Describe Colon under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Colon- Ascending colon, transverse colon, descending colon applied aspect (Sharing - General Surgery)	AN47.5 Describe Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Pancreas (Sharing - General Surgery)	AN47.5 Describe Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Liver -I, Location, external features, surgical lobes, Peritoneal relations & ligaments (Sharing - General Surgery)	AN47.5 Describe Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Liver- II- Relations with other organs, blood supply, Factors keeping in position, applied aspect (Sharing - General Surgery)	AN47.5 Describe Extrahepatic Billiary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.7 Mention the clinical importance of Calot's triangle Extrahepatic Billiary apparatus, Gall bladder, Triangle of Calot's (Sharing - General Surgery)	
11 - 01pm	AN47.5 Demonstrate Colon under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Colon (Batch A&B)	AN47.5 Demonstrate Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of pancreas (Batch A&B)	AN47.5 Demonstrate Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Liver (Batch A&B)	AN47.5 Demonstrate Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Liver- II- Relations with other organs, blood supply, Factors keeping in position, applied aspect Dissection of Liver (Batch A&B)	AN47.5 Demonstrate Extrahepatic Billiary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Extrahepatic Billiary apparatus (Batch A&B)	
01 - 02pm						
02 - 03pm				ECE Spirometry (P)	Practical/Demonstraion Cardiac murmur (P)	
03 - 04pm	(PY-5.12) Arterial blood pressure - P Revision of Haematology practical - P Chemistry & analysis Geletine (B)	(PY-5.12) Arterial blood pressure - P Revision of Haematology practical - P Chemistry & analysis Geletine (B)	(PY-5.12) Arterial blood pressure - P Revision of Haematology practical - P Chemistry & analysis Geletine (B)	SGD/Tutorial Aliphatic amino acid (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pHmeter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyzer•ELISA•Immunodiffusion•Autoanalyser•Quality control•DNA isolation from blood/ tissue Autoanalyser (B)	
04 - 05pm		SDL Iron Metabolism (B)	SDL Regulation of respiration (P)	ECE Inborn Error of Acidic & Aromatic amino acid Metabolism (VI- paediatric) (B)	SDL - Enmoral Traingel & Enmoral Harnia (Anatomy)	

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Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	14.06.2021	15.06.2021	16.06.2021	17.06.2021	18.06.2021	19.06.2021
09-10am	PY10.3 Describe and discuss somatic sensations & sensory tracts Somatic sensations-1 (HI- Human Anatomy)	PY10.3 Describe and discuss somatic sensations & sensory tracts Somatic sensations-2 (HI- Human Anatomy)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus Motor tracts (HI-Human Anatomy)	PY7.1 Describe structure and function of kidney Kidney	Metabolism of aliphatic amino acid II (B)	Metabolism of acidic amino acid (B)
10 - 11am	AN47.5 Describe Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Kidney -I, location, external features, covering, relations, Blood Supply, Lymphatic drainage (Sharing - General Surgery)	AN47.5 Describe Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Kidney-II, applied functions, Suprarenal gland, Abdominal part of Ureter (Sharing - General Surgery)	AN47.13 Describe the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm AN47.14 Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia Thoracoabdominal Diaphragm (Sharing - General Surgery)	AN47.9 Describe the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Abdominal aorta, Inferior Venecava	AN45.3 Mention the major subgroups of back muscles, nerve supply and action AN45.1 Describe Thoracolumbar fascia AN45.2 Describe Lumbar plexus for its root value, formation & branches Posterior abdominal wall, Muscles, Fascia, Lymph node, Subcostal nerves, Lumbar plexus, Azygos & hemi Azygos Vein	
11 - 01pm	AN47.5 Demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Dissection of Kidney (Batch A&B)	AN47.5 Demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Kidney (Batch A&B)	AN47.13 Demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm Dissection of Thoracoabdominal Diaphragm (Batch A&B)	AN47.8 identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.9 Demonstrate origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Dissection of Abdominal aorta, Inferior venecava (Batch A&B)	AN45.2 Demonstrate the Lumbar plexus for its root value, formation & branches Demonstration of Bony Pelvis -I- Division- True & False pelvis, Sacro-iliac joint, Sacrococcygeal joint, boundaries of True pelvis, pelvic inlet, pelvic outlet and Cavity, Pelvic inclination, diameters & Planes (Batch A&B)	
01 - 02pm						
02 - 03pm				ECE Congenital heart disease (P)	Practical/Demonstraion Artificial respiration (P)	
03 - 04pm	(PY-11.13) Clinical Examination in general - P (PY- 6.8)(PY-6.10) Spirometry - P Chemistry & analysis Peptone (B)	(PY-11.13) Clinical Examination in general - P (PY- 6.8)(PY-6.10) Spirometry - P Chemistry & analysis Peptone (B)	(PY-11.13) Clinical Examination in general - P (PY- 6.8)(PY-6.10) Spirometry - P Chemistry & analysis Peptone (B)	SGD/Tutorial Aromatic amino acid (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyzer•ELISA•Immunodiffusion•Autoanalyser•Quality control•DNA isolation from blood/ tissue ELISA(B)	
04 - 05pm		SDL (B) ELISA	SDL Heart rate (P)	ECE from tissue DNA isolation (B)	SDL - Inguinal Hernia (Anatomy)	

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Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	21.06.2021	22.06.2021	23.06.2021	24.06.2021	25.06.2021	26.06.2021
09-10am	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus Maintenance of tone & control of body movement (HI-Human Anatomy)	PY10.4 Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus Body posture and equilibrium (HI-Human Anatomy)	PY7.2 Describe the structure and functions of juxta glomerular apparatus and role of renin-angiotensin system Juxta glomerular apparatus	PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) Reticular activating System (HI-Human Anatomy)	Metabolism of Aromatic amino acid (B)	Metabolism of Branch Chain Amino Acid (B)
10 - 11am	AN47.12 Describe important nerve plexuses of posterior abdominal wall AN47.6 Explain the Accessory spleens, Kehr's sign, Different types of vagotomy, Abdominal part of autonomic nervous system, Lumbar sympathetic chain, Hypogastric Plexus (Sharing - General Surgery)	AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery Surface Marking - i.Regions and Planes of Abdomen ii. Super facial Inguinal ligament, deep Ligament iii. McBurneys Point iv. Renal angle v. Murpugs point vi. Fundus of gall bladder viii. Speen x. Pancreas xii. Kidneys xiii. Root of mesentery	AN54.1 Describe features of plain X ray abdomen AN54.2 Describe & identify the special radiographs of abdomenopelvic region(contrast X ray Barium swallow, Barium meal, Barium enema,Cholecystography, Intravenous pyelography & Hysterosalpingography) AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography inradiodiagnosis of abdomen Radiology of Abdomen - Plan X- ray, CT-scan, MRI, ERCP	AN49.3 Describe Perineal membrane in male & female AN49.1 Describe the superficial & deep perineal pouch(boundaries and contents) AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianalabscess and Anal fissure Perineum -I - Boundries, Divisions, Cutaneous, innervation, Pouches , Perinal membrane, perineal body, superfecial perineal pouches, (Sharing- Obstetrics &Gynaecology)	AN49.1 Describe the superficial & deep perineal pouch(boundaries and contents) AN49.4 Describe boundaries, content & applied anatomy ofIschiorectal fossa Perineum-II, Urogenital diaphragm, Boundaries & Contents of Deep perineal pouches, Anal Triangle, Ischiorectal Fossa (Sharing- Obstetrics &Gynaecology and General Surgery)	
11 - 01pm	AN47.6 Explain the Accessory spleens, Kehr's sign, Different types of vagotomy, Demonstration of Bony Pelvis -II- Types of Female pelvis, diffrnce between male & female pelvis, Clinical corelations (Batch A&B)	AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery Surface Marking - i.Regions and Planes of Abdomen ii. Super facial Inguinal ligament, deep Ligament iii. McBurneys Point iv. Renal angle v. Murpugs point vi. Stomach liver vii. Fundus of gall bladder viii. Speen ix. Duodenum x. Pancreas xi. Ileocaecal junction xii. Kidneys xiii. Root of mesentery (Batch A & B)	AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys &Root of mesentery Sectional Anatomy- Stucture at the level of, T-08, T-10, T-12, Transpyloric Plane Demonstrate the surface projections of: Stomach, Liver, Fundus of gallbladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys &Root of mesentery (Batch A&B)	AN49.3 demonstrate Perineal membrane in male & female AN49.2 identify Perineal body AN49.1 demonstrate the superficial & deep perineal pouch(boundaries and contents) Dissection of Perineum (Batch A&B)	AN49.1 Demonstrate the superficial & deep perineal pouch(boundaries and contents) AN49.4 Demonstrate boundaries, content & applied anatomy ofIschiorectal fossa AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianalabscess and Anal fissure Dissection of Perineum (Batch A&B)	
01 - 02pm						
02 - 03pm				ECE Peptic ulcer (P)	Practical/Demonstraion Gastro-esophageal reflux (P)	
03 - 04pm	(PY- 3.18) Effect of vagus/crescent stimulation on frog's heart-P (PY-3.15)(PY-3.16) Cardiac efficiency tests - P Analysis of unknown protein (B)	(PY- 3.18) Effect of vagus/crescent stimulation on frog's heart-P (PY-3.15)(PY-3.16) Cardiac efficiency tests - P Analysis of unknown protein (B)	(PY- 3.18) Effect of vagus/crescent stimulation on frog's heart-P (PY-3.15)(PY-3.16) Cardiac efficiency tests - P Analysis of unknown protein (B)	SGD/Tutorial Calcium & Phosphorus (VI- General Medicine) (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistrylaboratory including: •pH meter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyzer•ELISA•Immunodiffusion•Au toanalyser•Quality control•DNA isolation from blood/ tissue Paper chromatography of amino acid Paper chromatography of amino acid(B)	
04 - 05pm		SDL Vitamin A & D Metabolism (B)	SDL Function of Digestive system (P)	ECE Inborn Error of Acidic & Aromatic amino acid Metabolism (VI- paediatric) (B)	SDL - Liver - Relation (Anatomy)	

Foundation Course

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	28.06.2021	29.06.2021	30.06.2021	01.07.2021	02.07.2021	03.07.2021
09-10am	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism Urine formation-1	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism Urine formation-2	PY7.3 Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism Urine formation-1	PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) Autonomic nervous system (ANS)-1 (HI-Human Anatomy)	BI6.9 A Describe the functions of various minerals in the body, their metabolism and homeostasis. Mineral Metabolism I (VI- Physiology) (B)	BI6.9 B Describe the functions of various minerals in the body, their metabolism and homeostasis. BI6.10 B Enumerate and describe the disorders associated with mineral metabolism. Mineral Metabolism I macromolecules (HI-Physiology) (B)
10 - 11 am	AN25.1 Explain, draw and label a slide of trachea and lung Histology of Respiratory system, - Microscopic structure of lung, Trachea, Larynx, Epiglottis, Intra pulmonary bronchus	AN48.2 Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera Gross Anatomy of Urinary Bladder, Urethra,- Location, external features, Internal features, support of Bladder, Blood Supply, Nerve supply & Lymphatic drainage, Micturition & applied aspect	AN43.2 describe and draw the microanatomy of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., Cardio - Oesophagus -junction, Salivary glands AN52.3 Describe the microanatomical features of Cardiooesophageal junction AN52.1 Describe the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands	AN48.2 Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy Male Assessor Reproductive organs- Gross anatomy of Prostate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia (Sharing- General Surgery)	AN48.2 Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy Male Assessor Reproductive organs- Gross anatomy of Prostate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia (Sharing- General Surgery)	
11 - 01pm	AN25.1 Identify, draw and label a slide of trachea and lung A batch- Histology of Respiratory system, - Microscopic structure of lung, Trachea, Larynx, Epiglottis, Intra pulmonary bronchus B batch - Dissection of Perineum	AN48.2 demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera A batch - Dissection of Perineum B batch- Histology of Respiratory system, - Microscopic structure of lung, Trachea, Larynx, Epiglottis, Intra pulmonary bronchus	AN43.2 Identify the slides of microanatomy of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands AN52.3 Identify the slides the microanatomical features of Cardiooesophageal junction AN52.1 identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, A batch- Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands B batch- Dissection of Urinary bladder & Urethra	AN48.2 demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy A batch- Dissection of Urinary bladder & Urethra B batch- Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands	AN48.2 demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy A batch- Dissection of Urinary bladder & Urethra B batch- Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands	Foundation Course
01 - 02pm						
02 - 03pm	Effect of drugs on frog's heart - P Revision of Clinical practicals - P Analysis of Milk (B)	Effect of drugs on frog's heart - P Revision of Clinical practicals - P Analysis of Milk (B)	Effect of drugs on frog's heart - P Revision of Clinical practicals - P Analysis of Milk (B)	ECE Dwarfism (P)	Practical/Demonstration Cirrhosis of liver (P)	
03 - 04pm				SGD/Tutorial Mineral Metabolism (VI- General Medicine) (B)	Practical / Demonstration BI11.6 Describe the principles of colorimetry Describe the colorimetry	
04 - 05pm		SGD Assignment Reviewing (B)	SDL Shock (P)	SDL PSM	SDL - Kidney - Gross Feature (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	05.07.2021	06.07.2021	07.07.2021	08.07.2021	09.07.2021	10.07.2021
09-10am	PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) Autonomic nervous system (ANS)-2 (HI-Human Anatomy)	PY10.5 Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS) Autonomic nervous system (ANS)-3 (HI-Human Anatomy)	PY7.4 Describe & discuss the significance & implication of Renal Clearance Renal clearance-1	PY7.4 Describe & discuss the significance & implication of Renal Clearance Renal clearance-2	BI6.9 C Describe the functions of various minerals in the body, their metabolism and homeostasis. BI6.10 C Enumerate and describe the disorders associated with mineral metabolism. Mineral Metabolism III micromolecules (VI-General Medicine) (HI- Physiology) (B)	BI6.9 C Describe the functions of various minerals in the body, their metabolism and homeostasis. BI6.10 C Enumerate and describe the disorders associated with mineral metabolism. Mineral Metabolism IV micromolecules (VI-General Medicine) (HI- Physiology) (B)
10 - 11am	AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland Histology of GIT-II-, Small intestine, Jejunum, Ileum, Duodenum	AN48.2 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Ovary Ovary- Location, relations, external features., Blood supply ,Nerve supply, Lymphatic drainage, functions.	AN52.1 Describe the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland Histology-III;- Large intestine, Appendix, rectum, anal canal	AN48.2 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Uterine Tube Uterine tube, external features, parts, Blood supply, Lymphatic drainage & applied Aspect.	AN52.1 Describe the microanatomical features of Liver, Gb, Pancreas & Salivary glands. Histology of GIT-IV;- Salivary gland, Liver, Pancreas & Gall bladder	Foundation Course
11 - 01pm	AN52.1 Identify the Slides of Small intestine, Jejunum, Duodenum, & Ileum. A batch - Histology of GIT-II-, Small intestine, Jejunum, Ileum, Duodenum B batch- Dissection of Male Assesory Reproductive organs- Gross anatomy of Prostrate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia	AN48.2 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Ovary A batch- Dissection of Male Assesory Reproductive organs- Gross anatomy of Prostrate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia B batch - Histology of GIT-II-, Small intestine, Jejunum, Ileum, Duodenum	AN52.1 Identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland A batch- Histology GIT-III-of Large Intestine, Appendix, rectum & anal canal B batch- Dissection of Male Assesory Reproductive organs- Gross anatomy of Prostrate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia	AN48.2 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Uterine Tube A batch- Dissection of Ovary B batch - Histology GIT-III-of Large Intestine, Appendix, rectum & anal canal	AN52.1 Identify slide of Liver, Gb, Pancreas & Salivary glands. A batch - Histology of GIT-IV;- Salivary gland, Liver, Pancreas & Gall bladder B batch - Dissection of Ovary	
01 - 02pm						
02 - 03pm	(PY-3.18) Perfusion of amphibian heart - P (PY-5.13) Electrocardiography- Record & Analysis - P Gastric juice analysis by titration (B)	(PY-3.18) Perfusion of amphibian heart - P (PY-5.13) Electrocardiography- Record & Analysis - P Gastric juice analysis by titration (B)	(PY-3.18) Perfusion of amphibian heart - P (PY-5.13) Electrocardiography- Record & Analysis - P Gastric juice analysis by titration (B)	ECE Diarrhoea (P)	Practical/Demonstraion Pancreatitis (P)	
03 - 04pm				SGD/Tutorial Fat soluble vitamins (B)	Practical / Demonstraion BI11.6 Describe the principles of colorimetry Describe the colorimetry	
04 - 05pm		SGD Quality Control related to Clinical Biochemistry Laboratory. (B)	SDL Vomiting (P)	Demonstraion - DNA isolation from tissue (B)	SDL - Types of Bony Pelvis (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	12.07.2021	13.07.2021	14.07.2021	15.07.2021	16.07.2021	17.07.2021
09-10am	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances Spinal Cord-1 (HI-Human Anatomy)	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances Spinal Cord-2 (HI-Human Anatomy)	PY10.6 Describe and discuss Spinal cord, its functions, lesion & sensory Disturbances Spinal Cord-3 (HI-Human Anatomy)	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance Renal regulation of fluid and electrolytes	BI6.5 B Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Fat soluble vitamin II vit. E & K (VI- General Medicine) (B)	BI6.5 C Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Water Soluble Vitamin I vit.C & hematopeitic (VI- General Medicine) (B)
10 - 11am	AN48.5 Explain the Retroverted uterus, Prolapse of uterus Uterus- Location, Sub-division, parts, normal position, Axes, relation, cavity, Ligaments, BS & Lymphatic drainage (Sharing -General Surgery)	AN52.2 Describe microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Histology of Urinary system- Kidney, Urinary Bladder, Ureter, Urethra	AN48.8 Mention the structures palpable during vaginal & rectal examination Support of Uterus, Cervix & Vagina (Sharing -Obstetrics & Gynaecology General Surgery)	AN52.2 Describe microanatomical features of: Male Reproductive organs-- Prostale, Seminal vesicle, Penis Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer AN48.8 Mention the structures palpable during vaginal & rectal examination Rectum, - location, external features, Course, Curvatures, Peritoneal relations, Interior features, Blood supply, Lymphatic drainage Support & applied anatomy (Sharing -Obstetrics & Gynaecology General Surgery)	AN52.2 Describe microanatomical features of: Testis, epididymus, Vasa deferntia, Penis. Rectum, - location, external features, Course, Curvatures, Peritoneal relations, Interior features, Blood supply, Lymphatic drainage Support & applied anatomy (Sharing -Obstetrics & Gynaecology General Surgery)
11 - 01pm	AN48.5 Explain the Anteverted, Retroverted uterus, Prolapse of uterus A batch- Dissection of Uterus, & its Ligaments. B batch- Histology of GIT-IV;- Salivary gland, Liver, Pancreas & Gall bladder	AN52.2 identify slide of microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder A batch- Histology of Urinary system- Kidney, Urinary Bladder, Ureter, Urethra B batch- Dissection of Uterus, & its Ligaments.	AN48.8 Mention the structures palpable during vaginal & rectal examination Support of Uterus, Cervix & Vagina A batch- Dissection of Cervix & Vagina B batch- Histology of Urinary system- Kidney, Urinary Bladder, Ureter, Urethra	AN52.2 Identify slide of microanatomical features of: Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis A batch- Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis B batch- Dissection of Cervix & Vagina	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer A batch- Dissection of Rectum, B batch- Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer A batch- Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis B batch- Dissection of Rectum,
01 - 02pm						
02 - 03pm				ECE Hyperthyroidism (P)	Practical/Demonstraion PEFR (P)	SGD/Tutorial Haemopoiesis (P)
03 - 04pm	Revision of Amphibian practicals (P) Cardiac efficiency tests (P) BI11.21 A Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum Demonstrate the estimation of glucose (B)	Revision of Amphibian practicals (P) Cardiac efficiency tests(P) BI11.21 A Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum Demonstrate the estimation of glucose (B)	Revision of Amphibian practicals (P) Cardiac efficiency tests(P) BI11.21 A Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum Demonstrate the estimation of glucose (B)	SGD/Tutorial Vitamin B1, B2, B3 (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue pH meter(B)	
04 - 05pm		SDL/ Lecture Structures of RNA & DNA (B)	SDL Thyroid function tests	Demonstraion - DNA isolation from tissue (B)	SDL - Uterus - Gross Feature (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednes day	Thursday	Friday	Saturday	
Date/ Time	19.07.2021	20.07.2021	21.07.20 21	22.07.2021	23.07.2021	24.07.2021	
09-10am	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance Acid-base Balance-1	PY7.5 Describe the renal regulation of fluid and electrolytes & acid-base Balance Acid- base Balance-2	Holiday of (Id-Ul) Juha	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalit Cerebral cortex-1 (HI-Human Anatomy) (VI-Psychiatry)	BI6.5 D Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Soluble Vitamin II B- complex vit. (VI- General Medicine) (B)	BI6.5 E Describe the biochemical role of vitamins in the body and explain the manifestations of their deficiency Water Soluble Vitamin III B- complex vit. (VI- General Medicine) (B)	
10 - 11am	AN48.2 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of anal canal Anal canal- location, external features, Course, Curvatures, Peritoneal relations, Interior features, Blood supply, Lymphatic drainage Support & applied anatomy (Sharing General Surgery)	AN52.2 Describe microanatomical features of: Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix, Histology of Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix,		AN48.2 Describe the pelvic wall fascia Pelvic wall, muscles, pelvic diaphragm, pelvic fascia & pelvic peritoneum (Sharing General Surgery)	AN64.1 Describe the microanatomical features of Spinal cord, Cerebellum & Cerebrum Histology of CNS- Spinal cord, cerebrum, cerebellum, Dorsal Nerve Root Ganglion & Autonomic ganglion	AN48.4 Describe the branches of sacral plexus AN48.3 Describe the origin, course, important relations and branches of internal iliac artery Somatic nerves of pelvis, Lumbo-sacral trunk, Sacral plexus, coccygeal plexus, Autonomic Plexus, superior & Inferior rectal arteries.	
11 - 01pm	AN48.2 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of anal canal A batch- Dissection of Anal Canal . B batch- Histology of - Testis, epididymus, Vas Diffenrance, Penis.	AN52.2 Identify slide of microanatomical features of: Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix, A batch - Histology of Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix, B batch - Dissection of Anal Canal .		AN48.2 Describe the pelvic wall fascia A batch- Dissection of Pelvic wall fascia B batch- Histology of Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix,	AN64.1 Identify the microanatomical features of Spinal cord, Cerebellum & Cerebrum A batch- Histology of CNS- Spinal cord, cerebrum, cerebellum, DNRG & autonomic ganglion B batch- Dissection of Pelvic wall fascia	AN48.3 Demonstrate the origin, course, important relations and branches of internal iliac artery A batch- Dissection of Lumbo-sacral trunk B batch- Histology of CNS- Spinal cord, cerebrum, cerebellum, DNRG & autonomic ganglion	
01 - 02pm							
02 - 03pm					ECE Goitre (P)	Practical/Demonstraion deep sea diving (P)	SGD/Tutorial Hb-O2 Curve
03 - 04pm	(PY-5.15) Clinical Examination of cardiovascular system (P) Respiratory efficiency tests (P) BI11.21 B Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance Demonstrate the estimation of Creatinine (B)	(PY-5.15) Clinical Examination of cardiovascular system (P) Respiratory efficiency tests (P) BI11.21 B Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance Demonstrate the estimation of Creatinine (B)		SGD/Tutorial Vitamins B5, B6, B7 & Biotin (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pH meter •Paper chromatography of amino acid •Protein electrophoresis •TLC, PAGE •Electrolyte analysis by ISE •ABG analyzer •ELISA •Immunodiffusion •Autoanalyser •Quality control •DNA isolation from blood/ tissue Protein electrophoresis (B)		
04 - 05pm		SDL Nucleotide Metabolism (B)			ECE Interpret the laboratory results of minerals (VI- Pathology) (B)	SDL - Urinary Bladder- its support (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	26.07.2021	27.07.2021	28.07.2021	29.07.2021	30.07.2021	31.07.2021
09-10am	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormality Cerebral cortex-2 (HI-Human Anatomy) (VI-Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormality Cerebral cortex-3 (HI-Human Anatomy) (VI-Psychiatry)	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities Physiology of micturition-1	PY7.6 Describe the innervations of urinary bladder, physiology of micturition and its abnormalities Physiology of micturition-2	BI6.6 A Describe the biochemical processes involved in generation of energy in cells. Biological Oxidation - Electron transport chain & its complexes (B)	BI6.6 B Describe the biochemical processes involved in generation of energy in cells. Biological Oxidation - Oxidative phosphorylation & their inhibitors (B)
10 - 11am	AN43.3 Identify, describe and draw microanatomy of Hypophysis cerebri, thyroid, & adrenal gland Histology of Endocrine system-Pituitary , Thyroid, Parathyroid & Supra-renal gland	AN48.4 Describe the branches of sacral plexus AN48.3 Describe the origin, course, important relations and branches of internal iliac artery Joints of Pelvis- Sacro-Iliac, Sacro-coccygeal & symphysis	AN. 43.3. Histology Special senses- Cornea, Retina, Corneo-scleral junction Histology Special senses- Cornea, Retina, Corneo-scleral junction	FA of Abdomen & Pelvis	AN76.1 Describe the stages of human life AN76.2 Explain the terms- phylogeny, ontogeny, trimester, viability Introduction of Embryology- Phylogeny, Ontogeny, Trimesters, Viability, Stage of Life (Sharing - Obstetrics & Gynaecology)	AN77.3 Describe spermatogenesis and oogenesis along with diagrams Gametogenesis- Oogenesis & Spermatogenesis, Corpus luteum (Sharing - Obstetrics & Gynaecology)
11 - 01pm	AN43.3 Identify, describe and draw microanatomy of Hypophysis cerebri, thyroid, & adrenal gland A batch - Histology of pituitary , thyroid, parathyroid gland B batch - Dissection of Lumbo-sacral trunk	AN48.4 Describe the branches of sacral plexus AN48.3 Describe the origin, course, important relations and branches of internal iliac artery A batch - Dissection of pelvic joints. B batch -Histology of pituitary , thyroid, parathyroid gland	AN. 43.3. Histology Special senses- Cornea, Retina, Corneo-scleral junction A batch - Histology of Retina, cornea & Sclero-corneal junction. B batch - Dissection of pelvic joints.		AN77.1 Explain the uterine changes occurring during the menstrual cycle AN77.2 Explain the synchrony between the ovarian and menstrual cycles A batch - Demonstration of Femur -I B batch - SGD- uterine changes during menstrual cycles. Ovarian Cycle	AN77.5 Enumerate and describe the anatomical principles underlying contraception A batch - SGD- uterine changes during menstrual cycles. Ovarian Cycle B batch - Demonstration of Femur -I
01 - 02pm						
02 - 03pm	(PY-5.15) Clinical Examination of cardiovascular system (P) Respiratory efficiency tests (P) BI11.21 B Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance Demonstrate the estimation of Creatinine (B)	(PY-6.9) Clinical examination of respiratory system (P) Stethography (P) BI11.21 C Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio Demonstrate the estimation of Total Protein (B)	(PY-6.9) Clinical examination of respiratory system (P) Stethography (P) BI11.21 C Demonstrate the estimation of glucose , creatinine, Urea & total protein in serum BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio Demonstrate the estimation of Total Protein (B)	ECE Liver function tests (P)	Practical/Demonstration Tetany (P)	SGD/Tutorial Neuroglia (P)
03 - 04pm				SGD/Tutorial Disorders of Purine Metabolism (B)	Practical/Demonstration BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pHmeter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyser•ELISA•Immunodiffusion•Autoanalyser•Quality control•DNA isolation from blood/ tissue TLC, PAGE (B)	
04 - 05pm		SDL Protein Biosynthesis (B)	SDL Regulation of bile secretion	ECE Disorders related to minerals metabolism (VI- General Metabolism) (B)	SDL - Bengin Hypotrophy of frostat (BPH) (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	02.08.2021	03.08.2021	04.08.2021	05.08.2021	06.08.2021	07.08.2021
09-10am	Second Sessional Exam 2021					
10 - 11am						
11 - 01pm						
01 - 02pm						
02 - 03pm						
03 - 04pm						
04 - 05pm						

Amaltas Institute of Medical Sciences, Dewas

Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	09.08.2021	10.08.2021	11.08.2021	12.08.2021	13.08.2021	14.08.2021
09-10am	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Basal ganglia-1 (HI-Human Anatomy) (VI-Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Basal ganglia-2 (VI-Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Basal ganglia-3 (HI-Human Anatomy) (VI-Psychiatry)	PY7.7 Describe artificial kidney, dialysis and renal transplantation Dialysis (VI-General Medicine)	Nuclotide Chemistry - Types & structures (B)	BI7.1 Describe the structure and functions of DNA and RNA and outline the cell cycle. Nucleic Acid-Structurs & types of DNA & RNA (B)
10 - 11am	AN78.1 Describe cleavage and formation of blastocyst Fertilization, consequences of fertilization, Cleavage, Blastocyst formation. (Sharing - Obstetrics & Gynaecology)	AN79.3 Describe the process of neurulation AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects Formation and function of Primitive streak, formation & Function of Notochord, Formation of Intramembryonic Mesoderm Neurulation (Sharing - Obstetrics & Gynaecology)	AN80.1 Describe formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua Formation of trilaminar germ disc, Derivatives of Germ layer	AN20.3 Describe Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes Front of Thigh superficial fascia, Saphenous opening, inguinal lymph nodes, lymphatic drainage, cut nerve vessels, saphenous vein	AN15.3 Describe and demonstrate boundaries, floor, roof and contents of femoral triangle Fascia lata, Iliotibial tract, Femoral sheath, Femoral Traingle, & Femoral hernia	AN15.5 Describe adductor canal with its content Aductor canal, boundbries, contents, Sartorius, & Quadriceps Femoris
11 - 01pm	AN78.4 Describe the formation of extra-embryonic mesoderm and coelom, bilaminar disc and prochordal plate Gastrulation - the formation of extra-embryonic mesoderm and Extraembryonic coelom, bilaminar disc and prochordal plate, Connetive stalk, Formation of Amnion, Chorion & Prochordal plate. (Sharing - Obstetrics & Gynaecology)	AN79.2 Describe formation & fate of notochord AN79.3 Describe the process of neurulation AN79.5 Explain embryological basis of congenital malformations, nucleus pulposus, sacrococcygeal teratomas, neural tube defects A batch- Demonstration of Tibia B batch- SGD- Teratogenic influence on fertilization, sterility, Sarrogate Motherhood social significance of "sex-ratio".	AN80.1 Demonstrate the formation, functions & fate of-chorion: amnion; yolk sac; allantois & decidua A batch- SGD- Teratogenic influence on fertilization, sterility, Sarrogate Motherhood social significance of "sex-ratio". B batch- Demonstration of Tibia	AN16.4 Demonstration the hamstrings group of muscles with their attachment, nerve supply and actions AN20.3 Demonstration Fascia lata, Venous drainage, Lymphatic drainage, Retinacula & Dermatomes of lower limb AN20.4 Explain anatomical basis of enlarged inguinal lymph nodes A batch- Demonstration of Fibula B batch- Dissection of Front of Thigh	AN15.2 Demonstrate boundaries, floor, roof and contents of femoral triangle Dissection of Femoral Triangle (Batch A&B)	AN15.2 Demonstrate major muscles with their attachment, nerve supply and actions AN15.5 Demonstrate adductor canal with its content Dissection of Aductor Canal (Batch A&B)
01 - 02pm						
02 - 03pm				ECE Diabetes mellitus	Revision	SGD/Tutorial Erythropoiesis (P)
03 - 04pm	(PY-6.9) Clinical examination of respiratory system (P) Stethography (P) BI11.21 C Demonstrate the estimation of glucose, creatinine, Urea & total protein in serum BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio Demonstrate the estimation of Total Protein (B)	(PY-3.14) Ergography (P) Artificial respiration (P) BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio Demonstrate the estimation of Albumin & A:G Ratio (B)	(PY-3.14) Ergography (P) Artificial respiration (P) BI11.8 Demonstrate estimation of serum proteins, albumin and A:G ratio Demonstrate the estimation of Albumin & A:G Ratio (B)	SGD/Tutorial Post- Transcriptional Modifications (B)	Practical/Demonstraion BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pHmeter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyzer•ELISA•Immunodiffusion•Autoanalyser•Quality control•DNA isolation from blood/ tissue Electrolyte analysis by ISE (B)	
04 - 05pm		SDL/ Lecture Paper Discussion of IInd Internal Exam (B)	SDL ADH	ECE Fats soluble Vitamin related disorders (VI- General Medicine) (B)	SDL - Transmission of Body Weight (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date/Time	16.08.2021	17.08.2021	18.08.2021	19.08.2021	20.08.2021	21.08.2021	
09-10am	PY7.8 Describe & discuss Renal Function Tests Renal function tests (HI-Biochemistry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Hypothalamus-1 (HI-Human Anatomy) (VI-Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Hypothalamus-2 (HI-Human Anatomy) (VI-Psychiatry)	Holiday of Muharram	BI6.2 A Describe and discuss the metabolic processes in which nucleotides are involved. Nucleotide Metabolism - biosynthesis & degradation of purine Nucleotides (B)	BI6.3 Describe the common disorders associated with nucleotide metabolism. BI6.4 Discuss the laboratory results of analytes associated with gout & Lesch Nyhan syndrome. Nucleotide Metabolism - biosynthesis & degradation of Pyrimidine Nucleotides (VI- Physiology) (B)	
10 - 11am	AN79.2 Describe formation & fate of notochord AN79.4 Describe the development of somites and intra-embryonic coelom AN80.1 Describe formation, functions & fate of chorion: amnion; yolk sac; allantois & decidua Subdivision of intra embryonic mesoderm, Fate of para-axial mesoderm, developmental Structure & Fate of Somite	AN79.2 Describe formation & fate of notochord Lateral plate mesoderm, formation of intra embryonic coelom, subdivision of Intra embryonic coelom, Folding of embryo, Effect of folding	AN15.2 Describe major muscles with their attachment, nerve supply and actions AN15.1 Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Medial side of Thigh, Adductor group of muscles, obturator nerve, Obturator muscles, & Sciatic Nerve		AN16.1 Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region AN16.2 Describe anatomical basis of sciatic nerve injury during gluteal intramuscular injections Gluteal region-I, Cutaneous nerve, Gluteal maximus, Structures deep to Gluteal Maximus (Sharing - General Surgery)	AN16.3 Explain the anatomical basis of Trendelenburg sign Gluteal region-II, Gluteal medialis, Gluteal minimus, Gluteal Nerve & Vessels.	
11 - 01pm	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups A batch- demonstration of Skeleton of Foot-I B Batch- SGD- Adductor canal	AN79.2 Demonstration of formation & fate of notochord Embryology Practical (Batch A&B)	AN15.2 Demonstrate major muscles with their attachment, nerve supply and actions AN15.1 Demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior thigh Dissection of Medial side of thigh (Batch A&B)		AN16.1 Demonstrate of origin, course, relations, branches (or tributaries), termination of important nerves and vessels of gluteal region AN16.2 Demonstration of anatomical basis of sciatic nerve injury during gluteal intramuscular injections Dissection of Gluteal region (Batch A&B)	AN16.3 Demonstration of the anatomical basis of Trendelenburg sign Dissection of Gluteal region	
01 - 02pm							
02 - 03pm	(PY-10.11) Examination of sensory functions (P) (PY-10.20) Cranial nerves -I, III, IV, V, VI (P) BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. Demonstrate the estimation of Urea (B)	(PY-10.11) Examination of sensory functions (P) (PY-10.20) Cranial nerves -I, III, IV, V, VI (P) BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. Demonstrate the estimation of Urea (B)	(PY-10.11) Examination of sensory functions (P) (PY-10.20) Cranial nerves -I, III, IV, V, VI (P) BI11.21 Demonstrate estimation of glucose, creatinine, urea and total protein in serum. Demonstrate the estimation of Urea (B)		Revision	SGD/Tutorial Neurotransmitters (P)	
03 - 04pm					Practical/Demonstration BI11.16 Observe use of commonly used equipments/techniques in biochemistry laboratory including: •pHmeter•Paper chromatography of amino acid•Protein electrophoresis•TLC, PAGE•Electrolyte analysis by ISE•ABG analyzer•ELISA•Immunodiffusion•Autoanalyzer•Quality control•DNA isolation from blood/ tissue Immunodiffusion (B)		
04 - 05pm		SGD Blotting Techniques (B)	SDL Functions of spinal cord			SDL - Hip Bone (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	23.08.2021	24.08.2021	25.08.2021	26.08.2021	27.08.2021	28.08.2021
09-10am	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Thalamus-1 (HI-Human Anatomy) (VI-Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Thalamus-2 (HI-Human Anatomy) (VI-Psychiatry)	PY7.9 Describe cystometry and discuss the normal cystometrogram Cystometry	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Cerebellum-1 (HI-Human Anatomy) (VI-Psychiatry)	BI7.2 A Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. Replication of DNA- Prokaryotes & Eukaryotes & inhibitors (B)	BI7.2 C Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. Transcription mechanism in Prokaryotes & Eukaryotes, post-transcriptional modifications (B)
10 - 11am	AN80.1 Describe formation, functions & fate of chorion: amnion; yolk sac; allantois & decidua AN81.2 Describe indications, process and disadvantages of amniocentesis Extra embryonic membranes Amnion Amniotic cavity, Amniotic fluid, development of Yolk sac, function of yolk sac & allantois	AN78.3 Describe the process of implantation & common abnormal sites of implantation AN78.2 Describe the development of trophoblast AN81.3 Describe indications, process and disadvantages of chorion villus biopsy AN78.5 Describe in brief abortion; decidual reaction, pregnancy test AN80.3 Describe formation of placenta, its physiological functions, foetomaternal circulation & placental barrier Formation of chorion, Implantation- Normal sites, Abnormal sites of implantation decidua, formation of Placenta	AN16.6 Describe the boundaries, roof, floor, contents and relations of popliteal fossa Popliteal fossa, Boundaries & Contents	AN16.4 Describe the hamstrings group of muscles with their attachment, nerve supply and actions Back of Thigh, muscles, blood vessels & Nerves	AN80.2 Describe formation & structure of umbilical cord Lobulation of Placenta, Placental membrane & circulation	AN80.4 Describe embryological basis of twinning in monozygotic & dizygotic twins AN80.5 Describe role of placental hormones in uterine growth & parturition AN80.7 Describe various types of umbilical cord attachments Functional anomalies, Umbilical cord, Twinning
11 - 01pm	AN80.1 Demonstration formation, functions & fate of chorion: amnion; yolk sac; allantois & decidua AN81.2 Demonstration indications, process and disadvantages of amniocentesis Embryology Practical (Batch A&B)	AN78.3 Demonstration of the process of implantation & common abnormal sites of implantation AN78.2 Demonstration of the development of trophoblast AN81.3 Demonstration of indications, process and disadvantages of chorion villus biopsy AN78.5 Demonstration in brief abortion; decidual reaction, pregnancy test AN80.3 Demonstration formation of placenta, its physiological functions, foetomaternal circulation & placental barrier Embryology Practical (Batch A&B)	AN16.6 Demonstrate the boundaries, roof, floor, contents and relations of popliteal fossa Dissection of Popliteal Fossa (Batch A&B)	AN16.4 Demonstrate the hamstrings group of muscles with their attachment, nerve supply and actions Dissection of back of Thigh (Batch A&B)	AN80.2 Demonstration of formation & structure of umbilical cord Embryology Practical (Batch A&B)	AN80.4 Demonstration of embryological basis of twinning in monozygotic & dizygotic twins AN80.5 Demonstration of role of placental hormones in uterine growth & parturition AN80.7 Describe various types of umbilical cord attachments Embryology Practical (Batch A&B)
01 - 02pm						
02 - 03pm	(PY-10.11) Examination of motor functions (P) (PY-10.20) Visual acuity (P) BI11.9 A Demonstrate the estimation of serum total cholesterol and HDL cholesterol Demonstrate the estimation of Cholesterol (B)	(PY-10.11) Examination of motor functions (P) (PY-10.20) Visual acuity (P) BI11.9 A Demonstrate the estimation of serum total cholesterol and HDL cholesterol Demonstrate the estimation of Cholesterol (B)	(PY-10.11) Examination of motor functions (P) (PY-10.20) Visual acuity (P) BI11.9 A Demonstrate the estimation of serum total cholesterol and HDL cholesterol Demonstrate the estimation of Cholesterol (B)	ECE Rickets	Revision	SGD/Tutorial Cell mediated immunity (P)
03 - 04pm				SGD/Tutorial Genetic Code (B)	Practical/Demonstration BI11.18 Discuss the principles of spectrophotometry. Demonstration of Spectrophotometer (B)	
04 - 05pm		SDL Tumor Markers (B)	SDL Functions of Growth hormone	ECE Interpret the laboratory results of Water soluble Vitamins (VI- Pathology, General Medicine) (B)	SDL - Eimur (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date/Time	30.08.2021	31.08.2021	01.09.2021	02.09.2021	03.09.2021	04.09.2021	
09-10am	Holiday of Janmashtami	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Cerebellum-2 (VI- Human Anatomy) (VI- Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Cerebellum-3 (VI- Human Anatomy) (VI- Psychiatry)	PY9.1 Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination Sex determination & sex differentiation (HI- Human Anatomy)	BI7.2 D Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. Genetic code & Translation - Protein Biosynthesis (B)	BI7.2 Describe the processes involved in replication & repair of DNA and the transcription & translation mechanisms. BI9.3 Describe protein targeting & sorting along with its associated disorders. Genetic code & Translation- Inhibitors of protein biosynthesis and post-translational modifications of Protein , Protein Biosynthesis targeting & sorting (B)	
10 - 11am		AN17.1 Describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint AN17.2 Describe anatomical basis of complications of fracture neck of femur AN17.3 Describe dislocation of hip joint and surgical hip replacement	AN18.1 Describe major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions AN18.2 Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Front of leg & Dorsum of Foot- I cutaneous nerve , vessels of front of leg and dorsum of foot, deep fascia, muscles of anatomy compartemnt of leg	AN79.6 Describe the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein AN81.1 Describe various methods of prenatal diagnosis Diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein, methods of prenatal diagnosis (Sharing - Obstetrics & Gynaecology)	AN18.2 Describe origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Front of leg -II - Deep Peroneal nerve, Ant. Tibial Artery , Dorsalis pedis, Ant. Ext. retinaculum, Extensor digitorum brevis	AN18.1 Describe major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions Lateral side of Leg, Peroneal compartment, peroneal nerve, Superficial & deep muscles of Back of leg.	
11 - 01pm		AN17.1 Demonstrate of the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the hip joint AN17.2 Demonstrate anatomical basis of complications of fracture neck of femur AN17.3 Demonstrate of dislocation of hip joint and surgical hip replacement Dissection of Hip joint (Batch A&B)	AN18.1 Demonstrate major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions AN18.2 Demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Dissection of Front of Leg (Batch A&B)	AN79.6 Demonstration of the diagnosis of pregnancy in first trimester and role of teratogens, alpha-fetoprotein AN81.1 Demonstration of various methods of prenatal diagnosis Embryology Practical (Batch A&B)	AN18.2 Demonstrate origin, course, relations, branches (or tributaries), termination of important nerves and vessels of anterior compartment of leg Dissection of Front of Leg (Batch A & B)	AN18.1 Demonstrate the major muscles of anterolateral compartment of leg with their attachment, nerve supply and actions Dissection of Lateral side of Leg (Batch A & B)	
01 - 02pm							
02 - 03pm		(PY-10.20) Perimetry (P) (PY-10.11) Examination of reflex (P) BI11.9 B Demonstrate the estimation of serum total cholesterol and HDL cholesterol Demonstrate the estimation of HDL Cholesterol(B)	(PY-10.20) Perimetry (P) (PY-10.11) Examination of reflex (P) BI11.9 B Demonstrate the estimation of serum total cholesterol and HDL cholesterol Demonstrate the estimation of HDL Cholesterol(B)	ECE Itching	Revision	SGD/Tutorial Difference b/w skeletal, smooth & Cardiac muscle	
03 - 04pm				SGD/Tutorial Molecular Biology (B)	Practical/Demonstration BI11.5 Describe screening of urine for inborn errors & describe the use of paper chromatography Describe screening of urine for inborn errors & describe the use of paper chromatography (B)		
04 - 05pm		SDL/ Lecture Prostaglandins therapeutic uses (B)	SDL Maintenance of Equilibrium		SDL PSM	SDL - Hamstny Muscles (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	06.09.2021	07.09.2021	08.09.2021	09.09.2021	10.09.2021	11.09.2021
09-10am	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Limbic system-1 (HI-Human Anatomy) (VI-Psychiatry)	PY10.7 Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities Limbic system-2 (HI-Human Anatomy) (VI-Psychiatry)	PY9.2 Describe and discuss puberty: onset, progression, stages; early and delayed puberty and outline adolescent clinical and psychological association. PY9.7 Describe and discuss the effects of removal of gonads on physiological functions Puberty & Adolescence	PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production EEG & Sleep-1 (VI-Psychiatry)	BI6.7 A Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. pH, Acid Base Balance & body buffer systems (VI-General Medicine) (HI-Physiology) (B)	BI7.3 Describe gene mutations and basic mechanism of regulation of gene expression Regulations of Gene expression & mutation (VI-Pediatrics) (B)
10 - 11am	AN19.2 Describe the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg AN19.3 Explain the concept of "Peripheral heart" AN19.4 Explain the anatomical basis of rupture of calcaneal tendon AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis Muscles of Posterior compartment of Leg-, Post. Tibial artery, Tibial nerve, venous drainage of Lower limb	AN19.6 Explain the anatomical basis of Flat foot & Club foot AN19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis Sole of Foot - Plantar aponeurosis, Layers of Sole	AN18.4 Describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Knee joint- type of articular, surface capsule, synovial membrane, ligament, relation	AN18.4 Describe the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint AN18.6 Describe knee joint injuries with its applied anatomy AN18.7 Explain anatomical basis of Osteoarthritis Knee joint- movements, involved, blood, surface, nerve supply, bursae around joint, locking & unlocking applied (Sharing - Orthopedics)	AN20.2 Describe the subtalar and transverse tarsal joints Ankle joint, Subtalar joint, Eversion & inversion	AN19.5 Describe factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot Arches of Foot (Sharing - Orthopedics)
11 - 01pm	AN19.2 Demonstrate the origin, course, relations, branches (or tributaries), termination of important nerves and vessels of back of leg AN19.3 Explain the concept of "Peripheral heart" AN19.4 Explain the anatomical basis of rupture of calcaneal tendon AN20.5 Explain anatomical basis of varicose veins and deep vein thrombosis Dissection of Posterior compartment of Leg (Batch A & B)	AN19.6 Explain the anatomical basis of Flat foot & Club foot AN19.7 Explain the anatomical basis of Metatarsalgia & Plantar fasciitis Dissection of Sole of foot (Batch A & B)	AN18.4 Demonstrate the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint Dissection of Knee joint (Batch A & B)	AN18.4 Demonstration of the type, articular surfaces, capsule, synovial membrane, ligaments, relations, movements and muscles involved, blood and nerve supply, bursae around the knee joint AN18.5 Explain the anatomical basis of locking and unlocking of the knee joint AN18.6 Demonstrate the knee joint injuries with its applied anatomy AN18.7 Explain anatomical basis of Osteoarthritis Dissection of Knee joint (Batch A & B)	AN20.2 Demonstrate the subtalar and transverse tarsal joints Dissection of Ankle joint (Batch A & B)	AN19.5 Demonstration factors maintaining importance arches of the foot with its importance AN19.6 Explain the anatomical basis of Flat foot & Club foot Dissection of arches of foot (Batch A & B)
01 - 02pm						
02 - 03pm				ECE Acute & Chronic renal failure	Revision	SDL Myopathies
03 - 04pm	(PY-10.20) Perimetry (P) (PY-10.11) Examination of reflex (P) BI11.9 B Demonstrate the estimation of serum total cholesterol and HDL cholesterol Demonstrate the estimation of HDL Cholesterol (B)	(PY-10.20) Colour vision (P) (PY-10.20) Cranial nerves -VII (P) BI11.10 Demonstrate the estimation of triglycerides Demonstrate the estimation of Triglyceride (B)	(PY-10.20) Colour vision (P) (PY-10.20) Cranial nerves -VII (P) BI11.10 Demonstrate the estimation of triglycerides Demonstrate the estimation of Triglyceride (B)	SGD/Tutorial Importance of Molecular diagnosis and genetic techniques (VI- General Medicine)	Practical/Demonstration BI11.2 Describe the preparation of buffers and estimation of pH. preparation of buffers and estimation of pH.	
04 - 05pm		SDL Journal Completion (B)	SDL Hormones of Pineal gland	ECE Surgical Anatomy and the metabolism of Lens (HI- Human Anatomy) (B)	SDL - Popliteal fossa (Anatomy)	

Amaltes Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	13.09.2021	14.09.2021	15.09.2021	16.09.2021	17.09.2021	18.09.2021
09-10am	PY10.8 Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production EEG & Sleep-2 (VI-Psychiatry)	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness Male reproductive system-1	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness Male reproductive system-2	PY9.3 Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness Male reproductive system-3	BI7.4 A Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. Recombinant DNA Technology & its applications (Pediatrics, General Medicine) (B)	BI7.4 B Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. Molecular diagnosis and genetic techniques (Pediatrics, General Medicine) (B)
10 - 11am	AN20.6 Describe the bones and joints of lower limb seen in anteroposterior and lateral view radiographs of various regions of lower limb Radiology of lower limb (Sharing- Radiodiagnosis)	Development of Pharyngeal Apparatus, Pharyngeal Arches, & Clinical correlation	AN43.4 Describe the development and developmental basis of congenital anomalies of face, palate, tongue, branchial apparatus, pituitary gland, thyroid gland Development of Face, Nose, Palate & Anomalies	AN52.1 Describe the development of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, GIT-II- Development of Duodenum, midgut derivatives, rotation of mid gut & derivatives, physiological hernia.	AN52.1 Describe the development of Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, GIT-III- Development of terminal part of Ileum, caecum, Appendix, Colon, hind gut-distal 1/3rd, rectum & anal canal, clinical correlation	AN52.5 Describe the development and congenital anomalies of Diaphragm Development of Digestive glands- Liver, Pancreas, Spleen, oral cavity, salivary gland, Teeth. (Sharing- General Surgery)
11 - 01pm	Surface marking of Lower limb- Demonstrate the bony landmarks, Vertebral levels of highest point of Iliac crest, PSIS, ASIS, pubic tubercles & crest Surface marking of Lower limb-	Demonstration of development of pharyngeal apparatus (Batch A & B)	AN52.1 Describe the features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Jejunum, Ileum, Demonstrate the Development of Duodenum, midgut derivatives, rotation of mid gut & derivatives, physiological hernia. (Batch A & B)	AN52.1 Demonstrate the development of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Demonstrate the Development of Duodenum, midgut derivatives, rotation of mid gut & derivatives, physiological hernia. (Batch A & B)	AN52.1 Demonstrate the development of Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Demonstrate the development of Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, (Batch A & B)	AN52.5 Demonstrate the development and congenital anomalies of Diaphragm Demonstrate the development and congenital anomalies of Diaphragm (Batch A & B)
01 - 02pm						
02 - 03pm	(PY-10.20) Colour vision (P) (PY-10.20) Cranial nerves -VII (P) BI11.10 Demonstrate the estimation of triglycerides Demonstrate the estimation of Triglyceride (B)	(PY-10.20) Cranial nerves -VIII (P) (PY-10.20) Cranial nerves IX, X, XI, XII (P) BI11.11 Demonstrate estimation of calcium and phosphorus Demonstrate the estimation of Calcium & Phosphorus (B)	(PY-10.20) Cranial nerves -VIII (P) (PY-10.20) Cranial nerves IX, X, XI, XII (P) BI11.11 Demonstrate estimation of calcium and phosphorus Demonstrate the estimation of Calcium & Phosphorus (B)	ECE Pain	Revision	SGD/Tutorial (P) SA node
03 - 04pm				SGD/Tutorial Hormone Mechanism (B)	Practical/Demonstration BI7.4 Describe applications of molecular technologies like recombinant DNA technology, PCR in the diagnosis and treatment of diseases with genetic basis. PCR (B)	
04 - 05pm		SDL (B) Porphyrias	SDL Ascending tracts	ECE Clinical exposer related to replication & transcription (VI- General Medicine) (B)	SDL - Study of Base of Skull (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	20.09.2021	21.09.2021	22.09.2021	23.09.2021	24.09.2021	25.09.2021
09-10am	PY10.9 Describe and discuss the physiological basis of memory, learning and speech Learning & Memory (VI-Psychiatry)	PY10.9 Describe and discuss the physiological basis of memory, learning and speech Learning & Memory (VI-Psychiatry)	PY10.9 Describe and discuss the physiological basis of memory, learning and speech Language & speech (VI-Psychiatry)	PY10.9 Describe and discuss the physiological basis of memory, learning and speech Language & speech (VI-Psychiatry)	Hormones Mechanism I Classifications & mechanism of action group 1 & 2 Hormones (B)	Hormones Mechanism II Pituitary hormone, growth hormone, thyroid & adrenal hormones (B)
10 - 11am	AN52.5 Describe the development and congenital anomalies of Diaphragm Development of body cavities, Pluro-pericardial membrane, Diaphragh, Pericardial cavity, Pleural cavity	AN52.5 Describe the development and congenital anomalies of Diaphragm Development of body cavities, Pluro-pericardial membrane, Diaphragh, Pericardial cavity, Pleural cavity (Sharing- General Surgery)	AN25.2 Describe development heart. AN25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta Development of CVS-I, heart tube, formation of cardiac wall, acquisition of adult form, Atrio-ventricular septum, Inter atrial septum, Absorption of pulmonary veins. (Sharing- General Medicine, Pediatrics) (Alighment- Physiology)	AN25.5 Describe developmental basis of congenital anomalies, transposition of great vessels, dextrocardia, patent ductus arteriosus and coarctation of aorta Development of CVS-II, Formation of interventricular septum, Aortico-pulmonary septum, Atri-ventricular septum (Sharing- General Medicine, Pediatrics) (Alighment- Physiology)	AN25.6 Mention development of aortic arch arteries, SVC, IVC and coronary sinus Development of pharyngeal arteries, main artery of Head, Neck, thorax, limbs.	AN25.6 Mention development of aortic arch arteries, SVC, IVC and coronary sinus Development of Veins- Inferior venecava, portal vein, & Somatic veins, Azygus vein
11 - 01pm	AN52.5 Demonstrate the development and congenital anomalies of Diaphragm Demonstrate the development and congenital anomalies of Diaphragm (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Skull- Norma Verticalis, Occipitalis (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Skull-Norma Frontalis (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Orbit (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Mandible- I (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Mandible- II, & Hyoid (Batch A & B)
01 - 02pm						
02 - 03pm	(PY10.20) Cranial nerves -VIII (P) (PY10.20) Cranial nerves IX, X, XI, XII (P) BI11.11 Demonstrate estimation of calcium and phosphorous Demonstrate the estimation of Calcium & Phosphorus (B)	Human reaction time (P) Revision of Clinical practicals (P) BI11.12 Demonstrate the estimation of serum bilirubin Demonstrate the estimation of Serum Bilirubin (B)	Human reaction time (P) Revision of Clinical practicals (P) BI11.12 Demonstrate the estimation of serum bilirubin Demonstrate the estimation of Serum Bilirubin (B)	ECE Dialysis	Revision	SGD/Tutorial Surfactant of lung (P)
03 - 04pm				SGD/Tutorial AIDS/HIV (B)	Practical/Demonstraion BI9.1 List the functions and components of the extracellular matrix (ECM). BI9.2 Discuss the involvement of ECM components in health and disease. Component of extra cellular metrix and their functions (B)	
04 - 05pm		SDL Tumor Markers (B)	SDL Pyramidal tracts	SGD Protein Targeting & sorting and its associated disorders (B)	SDL - Innervation of face (Anatomy)	

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	27.09.2021	28.09.2021	29.09.2021	30.09.2021	01.10.2021	02.10.2021
09-10am	PY9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes Ovarian cycle	PY9.4 Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes Menstrual cycle	PY10.10 Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element). Chemical transmission in the nervous system & CSF	PY9.5 Describe and discuss the physiological effects of sex hormones Sex hormones	BI4.6 Describe the therapeutic uses of prostaglandins and inhibitors of eicosanoid synthesis. Prostaglandins- Structures, Types and Uses (VI- General Medicine) (B)	Holiday of Mahatma Gandhi Jayanti
10 - 11am	AN52.7 Describe the development of Urinary system Development of Urinary system, Evolutionary stages of Kidney, -Pronephros, Mesonephros, metanephros, kidney, ureter, congenital anomalies of kidney (Sharing- General surgery)	AN52.7 Describe the development of Urinary system Development of Urinary Bladder, urethra, Prostate, sources of development of Gonads, in different stages, definitive stage. (Sharing- General surgery)	AN52.8 Describe the development of male & female reproductive system Development of testis, Ovary, Genitaducts in males & females. Dev. Of external genitalia (Sharing- Obstetrics & Gynaecology)	AN64.2 Describe the development of neural tube, spinal cord, medulla oblongata, pons, midbrain, cerebral hemisphere & cerebellum AN64.3 Describe various types of open neural tube defects with its embryological basis Development of CNS- formation of neural tube, neural crest cells, functional columns, flexors of brain, Spinal cord. (Sharing- Obstetrics & Gynaecology, Pediatrics)	AN27.1 Describe the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Describe emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses AN28.2 Describe sensory innervation of face Scalp, Extent, layers, Blood Supply, Innervation, lymphatic Drainage, clinical correction Face:- Muscles, innervation, Parotid fascia, (Sharing - General Surgery)	
11 - 01pm	AN50.1 Demonstrate the curvatures of the vertebral column. AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Demonstration of Vertebral column & Vertebral Canal (Batch A & B)	AN50.1 Demonstrate the curvatures of the vertebral column. AN50.2 Describe & demonstrate the type, articular ends, ligaments and movements of Intervertebral joints, Demonstration of Skull-Norma lateris-I (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Skull- Norma lateris-II (Batch A & B)	AN53.1 Identify & hold the bone in the anatomical position, Describe the salient features, articulations & demonstrate the attachments of muscle groups Demonstration of Norma Basalis-Externa-I (Batch A & B)	AN27.1 Demonstration of the layers of scalp, its blood supply, its nerve supply and surgical importance AN27.2 Demonstration of emissary veins with its role in spread of infection from extracranial route to intracranial venous sinuses AN28.2 Demonstration of sensory innervation of face Demonstration of Norma Basalis-Externa-II (Batch A & B)	
01 - 02pm						
02 - 03pm				ECE Brown-sequard Syndrome	Revision	
03 - 04pm	Human reaction time (P) Revision of Clinical practicals (P) BI11.12 Demonstrate the estimation of serum bilirubin Demonstrate the estimation of Serum Bilirubin (B)	(PY-10.11) CNS Higher functions (P) Thermometry (P) BI11.13 Demonstrate the estimation of SGOT/ SGPT Demonstrate the estimation of SGOT/SGPT (B)	(PY-10.11) CNS Higher functions (P) Thermometry (P) BI11.13 Demonstrate the estimation of SGOT/ SGPT Demonstrate the estimation of SGOT/SGPT (B)	SGD/Tutorial FA- Cancer & Oncogenes (B)	Practical/Demonstration Demonstration of Glucose estimation by Folen WU tube method (B)	
04 - 05pm		SGD Thalasaemia (B)	SDL Functions of kidney	ECE Interpret the laboratory results of Heam metabolism (VI- Pathology) (B)	SDL - Ant. Triangle of Neck (Anatomy)	

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Date/Time	04.10.2021	05.10.2021	06.10.2021	07.10.2021	08.10.2021	09.10.2021
09-10am	PY9.5 Describe and discuss the physiological effects of sex hormones Sex hormones	PY9.6 Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages Contraceptive methods (VI-Obstetrics & Gynaecology, Community Medicine)	PY10.13 Describe and discuss perception of smell and taste sensation Sensation of smell & taste-1 (VI-ENT)	PY10.14 Describe and discuss pathophysiology of altered smell and taste sensation Sensation of smell & taste-2 (VI-ENT)	BI5.2 Describe and discuss functions of proteins and structure-function relationships in relevant areas eg, hemoglobin and selected hemoglobinopathies BI6.11 A Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism. BI6.12 Describe the major types of haemoglobin and its derivatives found in the body and their physiological/pathological relevance. Hemoglobin Metabolism - Structures, derivatives and abnormal Hemoglobins (VI- Pathology, General Medicine) (HI- Physiology) (B)	BI6.11 B Describe the functions of haem in the body and describe the processes involved in its metabolism and describe porphyrin metabolism. Hemoglobin Metabolism- Biosynthesis & degradations of Haem. (VI- Pathology, General Medicine) (HI- Physiology) (B)
10 - 11am	AN23.3 Describe origin, course, relations, tributaries and termination of superior vena cava, azygos, hemiazygos and accessory hemiazygos veins Superior Vena cava, azygos vein, hemiazygos vessels of posterior thoracic wall	Surface marking - lines of pleural reflection, borders of lungs and fissure of lung, borders of heart, valve of heart, apex beat	AN25.8 describe in brief a barium swallow Radiology - Structures seen on plain X- ray chest PA view	Part completion test - Thorax	AN44.1 Describe the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & AN44.7 Enumerate common Abdominal incisions Introduction of Abdomen - Ant. Abd. Wall, Sup. Facia, Sup. Lymphatics (VI- Sharing- General Surgery)	AN44.6 Describe attachments of muscles of anterior abdominal wall AN44.2 Describe the Fascia, nerves & blood vessels of anterior abdominal wall AN44.3 Describe the formation of rectus sheath and its contents Muscles of Ant. Abdominal wall, Facia transversalis, rectus sheath (VI- Sharing- General Surgery)
11 - 01pm	AN14.1 Identify the given bone, its side, important features & keep it in anatomical position, AN14.2 Identify & describe joints formed by the given bone. AN14.4 Identify and name various bones in the articulated foot with individual muscle attachment Demonstration of Sacrum Demonstration of Sacrum (Batch- A & B)	AN25.9 Demonstrate surface marking of lines of pleural reflection, lung borders and fissures, trachea, heart borders, apex beat & surface projection of valves of heart surface anatomy of thorax, marking on cadaver surface anatomy of thorax, marking on cadaver (Batch A & B)	AN25.7 Identify structures seen on a plain x-ray chest (PA view) AN25.8 Identify and describe in brief a barium swallow Radiology of Thorax Radiology of Thorax (Batch A & B)		AN44.1 demonstrate the Planes (transpyloric, transtubercular, subcostal, lateral vertical, linea alba, linea semilunaris), regions & Quadrants of abdomen Dissection of Ant. Abdomen wall Dissection of Ant. Abdomen wall (Batch A & B)	AN44.6 Demonstrate attachments of muscles of anterior abdominal wall AN44.2 Identify the Fascia, nerves & blood vessels of anterior abdominal wall AN44.3 Demonstrate the formation of rectus sheath and its contents Dissection of Ant. Abdomen wall muscles, rectus sheath Dissection of Ant. Abdomen wall muscles, rectus sheath (Batch A & B)
01 - 02pm						
02 - 03pm	(PY-10.11) CNS Higher functions (P) Thermometry (P) BI11.13 Demonstrate the estimation of SGOT/ SGPT Demonstrate the estimation of SGOT/SGPT (B)	(PY-10.12) EEG (P) (PY-4.10) Clinical examination of abdomen (P) BI11.14 Demonstrate the estimation of alkaline phosphatase Demonstrate the estimation of Alkaline Phosphates (B)	PY-10.12) EEG (P) PY-4.10) Clinical examination of abdomen (P) BI11.14 Demonstrate the estimation of alkaline phosphatase Demonstrate the estimation of Alkaline Phosphates (B)	ECE Cystometry	Revision	SGD/Tutorial Output Cardiac
03 - 04pm				SGD/Tutorial Immunoglobulins-Types structures & Functions (B)	BI11.24 Enumerate advantages and/or disadvantages of use of saturated and trans fats in food. advantages and/or disadvantages of use of unsaturated, saturated and trans fats in food. (VI- General Medicine)	
04 - 05pm		SDL Journal Completion (B)	SDL Functions of temporal lobe of brain	SDL PSM	SDL - Ant. Triangle of Neck (Anatomy)	

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TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date/Time	11.10.2021	12.10.2021	13.10.2021	14.10.2021	15.10.2021	16.10.2021	
09-10am	PY10.14 Describe and discuss patho-physiology of altered smell and taste sensation Sensation of smell & taste-2 (VI-ENT)	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. Pregnancy (VI – Obstetrics & Gynaecology))	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. Pregnancy (VI – Obstetrics & Gynaecology))	PY9.8 Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it. Lactation (VI – Obstetrics & Gynaecology))	Holiday of Dashahara	BI10.1 Describe the cancer initiation, promotion oncogenes & oncogene activation. Also focus on p53 & apoptosis Cancer & Oncogenes (VI- Obstetrics & Gynaecology, General Surgery, Pathology) (B)	
10 - 11am	AN44.4 Describe extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Inguinal Ligament, Inguinal canal & Hesselbach's Triangle (VI- Sharing- General Surgery)	AN44.5 Explain the anatomical basis of inguinal hernia. Inguinal Hernia, Scrotum, Spermatic cord (VI- Sharing- General Surgery)	AN46.3 Describe Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.1 Describe coverings, internal structure, side determination, blood supply, nerve supply, lymphatic drainage & descent of testis with its applied anatomy Penis, testis & Epididymis (VI- Sharing- General Surgery)	AN45.1 Describe Thoracolumbar fascia AN47.1 Describe boundaries and recesses of Lesser & Greater sac Post. Abdominal wall, Thoraco lumbar fascia, exposure of Kidney from back The Peritonium, features, folds, vertical disposition, lesser & greater Omentum (VI- Sharing- General Surgery)		N47.1 Describe boundaries and recesses of Lesser & Greater sac, AN47.2 Name of various peritoneal folds & pouches with its explanation, AN47.3 Explain anatomical basis of Ascites & Peritonitis The Peritonium, features, folds, vertical disposition, lesser & greater Omentum (VI- Sharing- General Surgery)	
11 - 01pm	AN44.4 demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Dissection of Inguinal canal Dissection of Inguinal canal (Batch A & B)	AN44.4 demonstrate extent, boundaries, contents of Inguinal canal including Hesselbach's triangle. Dissection of Scrotum , Spermatic cord Dissection of Scrotum , Spermatic cord (Batch A&B)	AN46.3 Demonstration of Penis under following headings: (parts, components, blood supply and lymphatic drainage) AN46.4 Explain the anatomical basis of Varicocele AN46.5 Explain the anatomical basis of Phimosi s & Circumcision Dissection of Penis testis Dissection of Penis testis (Batch A&B)	AN47.5 Describe & demonstrate major viscera of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.1 Identify boundaries and recesses of Lesser & Greater sac Dissection of Thoraco lumbar fascia, exposure of Kidney from back Dissection of Exposure of abdominal cavity, disposition of viscera (Batch A&B)		AN47.2 identify various peritoneal folds & pouches with its explanation Dissection of Peritonium Dissection of Peritonium (Batch A&B)	
01 - 02pm							
02 - 03pm	PY-10.12) EEG (P) PY-4.10) Clinical examination of abdomen (P) BI11.14 Demonstrate the estimation of alkaline phosphatase Demonstrate the estimation of Alkaline Phosphates (B)	EMG (P) (PY 5.14) Autonomic function tests-P BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance Calculation of creatinine clearance test (B)	EMG (P) (PY 5.14) Autonomic function test-P BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance Calculation of creatinine clearance test (B)	ECE Parkinson's disease		SGD/Tutorial Acclimatization	
03 - 04pm				SGD/Tutorial FA - Immunology (B)			
04 - 05pm		SDL Body buffer system (B)	SDL JGA	ECE- Clinical exposer related to Tumor Markers. (VI- General Medicine) (B)			

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Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	18.10.2021	19.10.2021	20.10.2021	21.10.2021	22.10.2021	23.10.2021
09-10am	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing Ear & Auditory pathway (VI-ENT)	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing Ear & Auditory pathway (VI-ENT)	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing Physiology of hearing (VI – ENT)	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing Physiology of hearing (VI – ENT)	BI10.2 Describe various biochemical tumor markers and the biochemical basis of cancer therapy Tumor Markers (VI- Obstetrics & Gynaecology, General Surgery, Pathology) (B)	BI10.3 Describe the cellular and humoral components of the immune system & describe the types and structure of antibody Immunochemistry - Types of immunity & immune system (VI- Obstetrics & Gynaecology, General Surgery, Pathology) (B) (B)
10 - 11am	AN47.2 Name of various peritoneal folds & pouches with its explanation, Horizontal disposition of peritonium, omental bursa, lienorenal & Gastrospleenic ligament	AN47.6 Explain the anatomical basis of Splenic notch, Accessory spleens, Kehr's sign, Different types of vagotomy, Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Abdominal part of Oesophagus, The stomach (Sharing-General Surgery)	AN47.5 Describe Spleen of abdomen under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects)Spleen, portal vein, Porto caval anastomotic (Sharing - General Surgery)	AN47.5 Describe the Duodenum under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Duodenum- Gross Anatomy (Sharing - General Surgery)	AN47.5 Describe small intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Small Intestine, Jejunum, Ileum, Mesentery, Diffrence between jejunum and ileum, Applied aspect structure (Sharing - General Surgery)	AN47.5 Describe Large intestine under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Large intestine, Parts cardinal features, caecum and appendix (Sharing - General Surgery)
11 - 01pm	AN47.2 identify various peritoneal folds & pouches with its explanation Dissection of Peritonium - foleds & ligaments Dissection of Peritonium - foleds & ligaments (Batch A&B)	AN47.5 Demonstration major viscera of abdomen under followingheadings (anatomical position, external and internal features, importantperitoneal and other relations, blood supply, nerve supply, lymphaticdrainage and applied aspects) Dissection of oesophagus and stomach Dissection of oesophagus and stomach (Batch A&B)	AN47.10 Enumerate the sites of portosystemic anastomosis AN47.11 Explain the anatomic basis of hematemesis& caput medusae in portalhypertension Dissection and Demonstration of spleen Dissection and Demonstration of spleen (Batch A&B)	AN47.5 Demonstrate the Duodenum under followingheadings (anatomical position, external and internal features, importantperitoneal and other relations, blood supply, nerve supply, lymphaticdrainage and applied aspects) Dissection of Duodenum (Batch A&B)	AN47.5 Demonstrate small intestine under followingheadings (anatomical position, external and internal features, importantperitoneal and other relations, blood supply, nerve supply, lymphaticdrainage and applied aspects) Dissection of Small Intestine (Batch A&B)	AN47.5 Demonstrate Large intestine under followingheadings (anatomical position, external and internal features, importantperitoneal and other relations, blood supply, nerve supply, lymphaticdrainage and applied aspects) Dissection of Large Intestine (Batch A&B)
01 - 02pm						
02 - 03pm	EMG (P) (PY 5.14) Autonomic function test-P	Nerve conduction study ERG	Nerve conduction study ERG (PY 10.19)	ECE Metobolice Syndrome	Revision	SGD/Tutorial Venous circulation (P)
03 - 04pm	BI11.7 Demonstrate the estimation of serum creatinine and creatinine clearance Calculation of creatinine clearance test (B)	BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance Calculation of Albumin, Globuline Ratio (B)	BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance Calculation of Albumin, Globuline Ratio (B)	Lecturen Metabolism in Starvation (B)	Lecture BI6.8 Discuss and interpret results of Arterial Blood Gas (ABG) analysis in varoius disorders (VI- Genral Medicine) (B)	
04 - 05pm		SDL Organ Function Test (B)	SDL Mechanism of speech	ECE Significance of recombinant DNA (VI- General Medicine, Microbiology) (B)	SDL - TM Joint (Anatomy)	

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Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	25.10.2021	26.10.2021	27.10.2021	28.10.2021	29.10.2021	30.10.2021
09-10am	PY10.15 Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing Physiology of hearing (VI – ENT)	PY9.9 Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results Semen analysis	PY9.10 Discuss the physiological basis of various pregnancy tests Pregnancy tests (VI – Obstetrics & Gynaecology)	PY10.16 Describe and discuss pathophysiology of deafness. Describe hearing tests Deafness & hearing tests (VI- ENT)	BI10.4 Describe & discuss innate and adaptive immune responses, self/non-self recognition and the central role of T-helper cells in immune responses. BI10.5 Describe antigens and concepts involved in vaccine development. Immunology - Immune response, antigen antibody concept & vaccine development (VI- General Medicine, Pathology) (HI- Physiology) (B)	BI6.7 A Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. pH, Acid Base Balance & body buffer systems (VI- General Medicine) (HI- Physiology) (B)
10 - 11am	AN47.5 Describe Colon under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Colon- Ascending colon, transverse colon, descending colon applied aspect (Sharing - General Surgery)	AN47.5 Describe Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Pancreas (Sharing - General Surgery)	AN47.5 Describe Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Liver- I, Location, external features, surgical lobes, Peritoneal relations & ligaments (Sharing - General Surgery)	AN47.6 Explain Liver biopsy (site of needle puncture). Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Liver- II- Relations with other organs, blood supply, Factors keeping in position, applied aspect (Sharing - General Surgery)	AN47.5 Describe Extrahepatic Biliary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.7 Mention the clinical importance of Calot's triangle Extrahepatic Biliary apparatus, Gall bladder, Triangle of Calot's (Sharing - General Surgery)	AN47.5 Describe Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Kidney -I, location, external features, covering, relations, Blood Supply, Lymphatic drainage (Sharing - General Surgery)
11 - 01pm	AN47.5 Demonstrate Colon under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Colon (Batch A&B)	AN47.5 Demonstrate Pancreas under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of pancreas (Batch A&B)	AN47.5 Demonstrate Liver under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Liver (Batch A&B)	AN47.6 Explain Liver biopsy (site of needle puncture), Referred pain in cholecystitis, Obstructive jaundice, Referred pain around umbilicus, Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Liver- II- Relations with other organs, blood supply, Factors keeping in position, applied aspect Dissection of Liver (Batch A&B)	AN47.5 Demonstrate Extrahepatic Biliary apparatus under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Extrahepatic Biliary apparatus (Batch A&B)	AN47.5 Demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) AN47.6 Explain Radiating pain of kidney to groin & Lymphatic spread in carcinoma stomach Dissection of Kidney (Batch A&B)
01 - 02pm						
02 - 03pm				ECE Alzheimer disease	Revision	SGD/Tutorial Hypoxia (P)
7	Nerve conduction study ERG (PY 10.19) BI11.22 Calculate albumin: globulin (AG) ratio and creatinine clearance Calculation of Albumin, Globuline Ratio (B)	Revision	Revision	SGD/Lecture Disorders caused by protein calorie malnutrition (B)	BI11.17 Explain the basis and rationale of biochemical tests done in the following conditions: -diabetes mellitus, -dyslipidemia, -myocardial infarction, -renal failure, gout, -proteinuria, -nephrotic syndrome, - edema, - jaundice, - liver diseases, pancreatitis, disorders of acid- base balance, - thyroid disorders basis and rationale of biochemical tests in different orders (B)	
04 - 05pm		SGD Cardiac Function Test (B)	SDL Urine formation	ECE Interpret the laboratory results of Heam metabolism (VI- Pathology) (B)	SDL - Larynx - Innervation & Lymphatic drainage (Anatomy)	

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Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	01.11.2021	02.11.2021	03.11.2021	04.11.2021	05.11.2021	06.11.2021
09-10am	PY9.11 Discuss the hormonal changes and their effects during perimenopause and menopause (VI-obstetrics & gynaecology)	PY9.12 Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility. Infertility (VI – Obstetrics & Gynaecology)	PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex Introduction of visual system (VI-Ophthalmology)	Holiday of Diwali	BI7.5 Describe the role of xenobiotics in disease Xenobiotics/ Detoxification Mechanism of Detoxification (VI- General Medicine) (B)	Holiday of Bhaaduj
10 - 11am	AN47.5 Describe Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Kidney-II, applied functions, Suprarenal gland, Abdominal part of Ureter (Sharing - General Surgery)	AN47.13 Describe the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm AN47.14 Describe the abnormal openings of thoracoabdominal diaphragm and diaphragmatic hernia Thoracoabdominal Diaphragm (Sharing - General Surgery)	AN47.9 Describe the origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Abdominal aorta, Inferior Venecava		AN45.3 Mention the major subgroups of back muscles, nerve supply and action AN45.1 Describe Thoracolumbar fascia AN45.2 Describe Lumbar plexus for its root value, formation & branches Posterior abdominal wall, Muscles, Fascia, Lymph node, Subcostal nerves, Lumbar plexus, Azygos & hemi Azygos Vein	
11 - 01pm	AN47.5 Demonstrate Kidney under following headings (anatomical position, external and internal features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and applied aspects) Dissection of Kidney (Batch A&B)	AN47.13 Demonstrate the attachments, openings, nerve supply & action of the thoracoabdominal diaphragm Dissection of Thoracoabdominal Diaphragm (Batch A&B)	AN47.8 identify the formation, course relations and tributaries of Portal vein, Inferior vena cava & Renal vein AN47.9 Demonstrate origin, course, important relations and branches of Abdominal aorta, Coeliac trunk, Superior mesenteric, Inferior mesenteric & Common iliac artery Dissection of Abdominal aorta, Inferior venecava (Batch A&B)		AN45.2 Demonstrate the Lumbar plexus for its root value, formation & branches Demonstration of Bony Pelvis -I- Division- True & False pelvis, Sacro-iliac joint, Sacrococcygeal joint, boundries of True pelvis, pelvic inlet, pelvic outlet and Cavity, Pelvic inclination, diameters & Planes (Batch A&B)	
01 - 02pm						
02 - 03pm					Revision	
03 - 04pm	Revision	Revision	Revision		PCT ENZYME	
04 - 05pm		REVISION	SDL Frontal lobe (P)			

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	08.11.2021	09.11.2021	10.11.2021	11.11.2021	12.11.2021	13.11.2021
09-10am	<p>PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex Physiology of image formation (VI-Ophthalmology)</p>	<p>PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex Physiology of vision (VI-Ophthalmology)</p>	<p>PY10.17 Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex Physiology of pupil and light reflex (VI-Ophthalmology)</p>	<p>PY11.1 Describe and discuss mechanism of temperature regulation Temperature regulation-1 (B)</p>	<p>B16.13 B Describe the functions of the kidney, liver, thyroid and adrenal glands. B16.14 B Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). Liver & Renal Function Test (VI-Pathology, General Medicine) (HI- Physiology, Human Anatomy) (B)</p>	<p>B16.13 A Describe the functions of the kidney, liver, thyroid and adrenal glands. B16.14 A Describe the tests that are commonly done in clinical practice to assess the functions of these organs (kidney, liver, thyroid and adrenal glands). Endocrine & Cardiac Function Test (VI-Pathology, General Medicine) (HI- Physiology, Human Anatomy) (B)</p>
10 - 11am	<p>AN47.12 Describe important nerve plexuses of posterior abdominal wall AN47.6 Explain the Accessory spleens, Kehr's sign, Different types of vagotomy, Abdominal part of autonomic nervous system, Lumbar sympathetic chain, Hypogastric Plexus (Sharing - General Surgery)</p>	<p>AN55.1 Demonstrate the surface marking of; Regions & planes of abdomen, Superficial inguinal ring, Deep inguinal ring, McBurney's point, Renal Angle & Murphy's point AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery Surface Marking - i.Regions and Planes of Abdomen ii. Super facial Inguinal ligament, deep Ligament iii. McBurneys Point iv. Renal angle v. Murpugs point vi. Stomach liver vii. Fundus of gall bladder viii. Speen ix. Duodenum x. Pancreas xi. Ileocaecal junction xii. Kidneys xiii. Root of mesentery</p>	<p>AN54.1 Describe features of plain X ray abdomen AN54.2 Describe & identify the special radiographs of abdominopelvic region(contrast X ray Barium swallow, Barium meal, Barium enema,Cholecystography, Intravenous pyelography & Hysterosalpingography) AN54.3 Describe role of ERCP, CT abdomen, MRI, Arteriography inradiodiagnosis of abdomen Radiology of Abdomen - Plan X- ray, CT- scan, MRI, ERCP</p>	<p>AN49.3 Describe Perineal membrane in male & female AN49.1 Describe the superficial & deep perineal pouch(boundaries and contents) AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianalabscess and Anal fissure Perineum -I - Boundries, Divisions, Cutaneous, innervation, Pouches, Perinal membrane, perineal body, superficial perineal pouches, (Sharing- Obstetrics &Gynaecology)</p>	<p>AN49.1 Describe the superficial & deep perineal pouch(boundaries and contents) AN49.4 Describe boundaries, content & applied anatomy ofIschiorectal fossa Perineum-II, Urogenital diaphragm, Boundaries & Contents of Deep perineal pouches, Anal Triangle, Ischiorectal Fossa (Sharing- Obstetrics &Gynaecology and General Surgery)</p>	<p>AN25.1 Explain, draw and label a slide of trachea and lung Histology of Respiratory system, - Microscopic structure of lung, Trachea, Larynx, Epiglottis, Intra pulmonary bronchus</p>
11 - 01pm	<p>AN47.6 Explain the Accessory spleens, Kehr's sign, Different types of vagotomy, Demonstration of Bony Pelvis -II-Types of Female pelvis, diffrence between male & female pelvis, Clinical corelations (Batch A&B)</p>	<p>AN55.1 Demonstrate the surface marking of; Regions and planes of abdomen,Superficial inguinal ring, Deep inguinal ring, McBurney's point, Renal Angle & Murphy's point AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gall bladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys & Root of mesentery Surface Marking - i.Regions and Planes of Abdomen ii. Super facial Inguinal ligament, deep Ligament iii. McBurneys Point iv. Renal angle v. Murpugs point vi. Stomach liver vii. Fundus of gall bladder viii. Speen ix. Duodenum x. Pancreas xi. Ileocaecal junction xii. Kidneys xiii. Root of mesentery (Batch A & B)</p>	<p>AN55.1 Demonstrate the surface marking of; Regions and planes of abdomen,Superficial inguinal ring, Deep inguinal ring, McBurney's point, RenalAngle & Murphy's point AN55.2 Demonstrate the surface projections of: Stomach, Liver, Fundus of gallbladder, Spleen, Duodenum, Pancreas, Ileocaecal junction, Kidneys &Root of mesentery (Batch A&B)</p>	<p>AN49.3 demonstrate Perineal membrane in male & female AN49.2 identify Perineal body AN49.1 demonstrate the superficial & deep perineal pouch(boundaries and contents) Dissection of Perineum (Batch A&B)</p>	<p>AN49.1 Demonstrate the superficial & deep perineal pouch(boundaries and contents) AN49.4 Demonstrate boundaries, content & applied anatomy ofIschiorectal fossa AN49.5 Explain the anatomical basis of Perineal tear, Episiotomy, Perianalabscess and Anal fissure Dissection of Perineum (Batch A&B)</p>	<p>AN25.1 Identify, draw and label a slide of trachea and lung A batch- Histology of Respiratory system, - Microscopic structure of lung, Trachia, Larynx, Epiglottis, Intra pulmonary bronchus B batch - Dissection of Perineum</p>
01 - 02pm						
02 - 03pm	Revision	Revision	Revision	ECE	Menopause	Revision
03 - 04pm				REVISION (B)	REVISION (B)	SGD/Tutorial
04 - 05pm		REVISION		ECE- Clinical exposer related to Tumor Markers. (VI- General Medicine) (B)		SDL - Thyroid gland (Anatomy)

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
Date/Time	15.11.2021	16.11.2021	17.11.2021	18.11.2021	19.11.2021	20.11.2021	
09-10am	<p>PY11.2 Describe and discuss adaptation to altered temperature (heat and cold)</p> <p>PY11.3 Describe and discuss mechanism of fever, cold injuries and heat Stroke</p> <p>Temperature regulation-2</p>	<p>PY10.18 Describe and discuss the physiological basis of lesion in visual Pathway</p> <p>Visual Pathway (VI-Ophthalmology)</p>	<p>PY10.18 Describe and discuss the physiological basis of lesion in visual Pathway</p> <p>Applied physiology of eye (VI-Ophthalmology)</p>	<p>PY11.4 Describe and discuss cardio-respiratory and metabolic adjustments during exercise; physical training effects</p> <p>PY11.8 Discuss & compare cardio-respiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)</p> <p>Physiology of Exercise</p>	Holiday of Gurumanak Jayanti	<p>BI8.1 Discuss the importance of various dietary components and explain importance of dietary fibre</p> <p>Nutrition & Energy metabolism I (VI-General Medicine, Pediatrics, Pathology) (B)</p>	
10 - 11am	<p>AN48.2 Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>Gross Anatomy of Urinary Bladder, Urethra, - Location, external features, Internal features, support of Bladder, Blood Supply, Nerve supply & Lymphatic drainage, Micturition & applied aspect</p>	<p>AN43.2 describe and draw the microanatomy of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., Cardio - Oesophagus -junction, Salivary glands</p> <p>AN52.3 Describe the microanatomical features of Cardiooesophageal junction</p> <p>AN52.1 Describe the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands</p>	<p>AN48.2 Describe the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy</p> <p>Male Assessor reproductive organs- Gross anatomy of Prostate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia (Sharing- General Surgery)</p>	<p>AN52.1 Describe & identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland</p> <p>Histology of GIT-II-, Small intestine, Jejunum, Ileum, Duodenum</p>		<p>AN48.2 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Ovary</p> <p>Ovary- Location, relations, external features., Blood supply, Nerve supply, Lymphatic drainage, functions.</p>	
11 - 01pm	<p>AN48.2 demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>A batch - Dissection of Perineum</p> <p>B batch- Histology of Respiratory system, - Microscopic structure of lung, Trachia, Larynx, Epiglottis, Intra pulmonary bronchus</p>	<p>AN43.2 Identify the slides of microanatomy of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands</p> <p>AN52.3 Identify the slides the microanatomical features of Cardiooesophageal junction</p> <p>AN52.1 identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, A batch- Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands</p> <p>B batch- Dissection of Urinary bladder & Urethra</p>	<p>AN48.2 demonstrate the (position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of) important male & female pelvic viscera</p> <p>AN48.5 Explain the anatomical basis of suprapubic cystostomy, Urinary obstruction in benign prostatic hypertrophy</p> <p>A batch- Dissection of Urinary bladder & Urethra</p> <p>B batch- Histology of GIT- I, Tongue, oesophagus, Stomach -cardiac & fundic part, Pyloric part., CO-junction, Salivary glands</p>	<p>AN52.1 Identify the Slides of Small intestine, Jejunum, Duodenum, & Ileum.</p> <p>A batch - Histology of GIT-II-, Small intestine, Jejunum, Ileum, Duodenum</p> <p>B batch- Dissection of Male Assessor reproductive organs- Gross anatomy of Prostate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia</p>		<p>AN48.2 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Ovary</p> <p>A batch- Dissection of Male Assessor reproductive organs- Gross anatomy of Prostate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia</p> <p>B batch - Histology of GIT-II-, Small intestine, Jejunum, Ileum, Duodenum</p>	
01 - 02pm							
02 - 03pm	Revision	Revision	Revision	ECE		Cerebral Palsy	SGD/Tutorial Function of liver (P)
03 - 04pm				REVISION (B)			
04 - 05pm		REVISION	SDL EEG (P)	SGD diseases	Immunity in health & (VI- General Medicine) (B)		

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	22.11.2021	23.11.2021	24.11.2021	25.11.2021	26.11.2021	27.11.2021
09-10am	PY10.19 Describe and discuss auditory & visual evoke potentials Auditory & visual evoke potentials (VI- Ophthalmology / ENT)	PY11.5 Describe and discuss physiological consequences of sedentary Lifestyle Sedentary lifestyle	PY11.6 Describe physiology of Infancy Physiology of Infancy (VI- Pediatrics)	PY11.7 Describe and discuss physiology of aging; free radicals and Antioxidants Physiology of aging	BI8.2 Describe the types and causes of protein energy malnutrition and its effects. BI8.5 Summarize the nutritional importance of commonly used items of food including fruits and vegetables.(macro-molecules & its importance) Nutrition & Energy metabolism II (VI- General Medicine, Pediatrics, Pathology)(B)	BI7.6 Describe the anti-oxidant defence systems in the body. BI7.7 Describe the role of oxidative stress in the pathogenesis of conditions such as cancer, complications of diabetes mellitus and atherosclerosis. Anti oxidant & Oxidative stress (VI- General Medicine, Pathology) (B)
10 - 11am	AN52.1 Describe the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland Histology-III;- Large intestine, Appendix, rectum, anal canal	AN48.2 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Uterine Tube Uterine tube, external features, parts, Blood supply, Lymphatic drainage & applied Aspect.	AN52.1 Describe the microanatomical features of Liver, Gb, Pancreas & Salivary glands. Histology of GIT-IV;- Salivary gland, Liver, Pancreas & Gall bladder	AN48.5 Explain the Retroverted uterus, Prolapse of uterus Uterus- Location, Sub-division, parts, normal position, Axes, relation, cavity, Ligaments, BS & Lymphatic drainage (Sharing -General Surgery)	AN52.2 Describe microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder Histology of Urinary system- Kidney, Urinary Bladder, Ureter, Urethra	AN48.8 Mention the structures palpable during vaginal & rectal examination Support of Uterus, Cervix & Vagina (Sharing - Obstetrics & Gynaecology General Surgery)
11 - 01pm	AN52.1 Identify the microanatomical features of Gastro-intestinal system: Oesophagus, Fundus of stomach, Pylorus of stomach, Duodenum, Jejunum, Ileum, Large intestine, Appendix, Liver, Gall bladder, Pancreas & Suprarenal gland A batch- Histology GIT-III-of Large Intestine, Appendix, rectum & anal canal B batch- Dissection of Male Assessorly Reproductive organs- Gross anatomy of Prostrate, Seminal Vesicles, Bulbourethral glands, Ejaculatory duct, Vasa deferentia	AN48.2 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of Uterine Tube A batch- Dissection of Ovary B batch - Histology GIT-III- of Large Intestine, Appendix, rectum & anal canal	AN52.1 Identify slide of Liver, Gb, Pancreas & Salivary glands. A batch - Histology of GIT-IV;- Salivary gland, Liver, Pancreas & Gall bladder B batch - Dissection of Ovary	AN48.5 Explain the Anteverted, Retroverted uterus, Prolapse of uterus A batch- Dissection of Uterus, & its Ligaments. B batch- Histology of GIT-IV;- Salivary gland, Liver, Pancreas & Gall bladder	AN52.2 identify slide of microanatomical features of: Urinary system: Kidney, Ureter & Urinary bladder A batch- Histology of Urinary system- Kidney, Urinary Bladder, Ureter, Urethra B batch- Dissection of Uterus, & its Ligaments.	AN48.8 Mention the structures palpable during vaginal & rectal examination Support of Uterus, Cervix & Vagina A batch- Dissection of Cervix & Vagina B batch- Histology of Urinary system- Kidney, Urinary Bladder, Ureter, Urethra
01 - 02pm						
02 - 03pm	Revision	Revision	Revision	ECE Infertility	Revision	SGD/Tutorial Ischaemic heart disease (P)
03 - 04pm				REVISION (B)	REVISION (B)	
04 - 05pm		REVISION	SDL CSF (P)	ECE Assesment of the abnormalities of Kidney, liver, thyroid & adrenal glands. (VI- Pathology, General Medicine) (B)	SDL - Fertilization & Implantation (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/Time	29.11.2021	30.11.2021	01.12.2021	02.12.2021	03.12.2021	04.12.2021
09-10am	PY11.11 Discuss the concept, criteria for diagnosis of Brain death and its Implications Brain death	PY11.12 Discuss the physiological effects of meditation Yoga & meditation - 1	PY11.12 Discuss the physiological effects of meditation Yoga & meditation - 2	PY11.12 Discuss the physiological effects of meditation Yoga & meditation - 3	BI6.7 C Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. Electrolyte & Water Balance (VI- General Medicine) (HI- Physiology)(B)	BI6.7 C Describe the processes involved in maintenance of normal pH, water & electrolyte balance of body fluids and the derangements associated with these. (II)
10 - 11am	AN52.2 Describe microanatomical features of: Male Reproductive organs-- Prostale, Seminal vesicle, Penis Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer AN48.8 Mention the structures palpable during vaginal & rectal examination Rectum, - location, external features, Course, Curvatures, Peritoneal relations, Interior features, Blood supply, Lymphatic drainage Support & applied anatomy (Sharing -Obstetrics & Gynaecology General Surgery)	AN52.2 Describe microanatomical features of: Testis, epididymus, Vasa deferentia, Penis. Rectum, - location, external features, Course, Curvatures, Peritoneal relations, Interior features, Blood supply, Lymphatic drainage Support & applied anatomy (Sharing -Obstetrics & Gynaecology General Surgery)	AN48.2 Describe the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of anal canal Anal canal- location, external features, Course, Curvatures, Peritoneal relations, Interior features, Blood supply, Lymphatic drainage Support & applied anatomy (Sharing General Surgery)	AN52.2 Describe microanatomical features of: Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix, Histology of Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix,	AN48.2 Describe the pelvic wall fascia Pelvic wall, muscles, pelvic diaphragm, pelvic fascia & pelvic peritoneum (Sharing General Surgery)
11 - 01pm	AN52.2 Identify slide of microanatomical features of: Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis A batch- Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis B batch- Dissection of Cervix & Vagina	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer A batch- Dissection of Rectum, B batch- Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis	AN48.7 Mention the lobes involved in benign prostatic hypertrophy & prostatic cancer A batch- Histology of Male Reproductive organs-- Prostale, Epididymus, Seminal vesicle, Penis B batch- Dissection of Rectum,	AN48.2 Demonstrate the position, features, important peritoneal and other relations, blood supply, nerve supply, lymphatic drainage and clinical aspects of anal canal A batch- Dissection of Anal Canal . B batch- Histology of - Testis, epididymus, Vas Diffenrance, Penis.	AN52.2 Identify slide of microanatomical features of: Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix, A batch - Histology of Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix, B batch - Dissection of Anal Canal .	AN48.2 Describe the pelvic wall fascia A batch- Dissection of Pelvic wall fascia B batch- Histology of Female Reproductive organs- Ovary, Fallofian tube, Uterus, cervix,
01 - 02pm						
02 - 03pm	Revision	Revision	Revision	ECE Aphasia	Revision	SGD/Tutorial Regulation of thyroid hormones (P)
03 - 04pm				REVISION (B)	REVISION (B)	
04 - 05pm		REVISION	SDL Spermatogenesis (P)	ECE Acid base imbalance (VI- General Medicine) (B)	SDL - Methods of Contraception (Anatomy)	

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	06.12.2021	07.12.2021	08.12.2021	09.12.2021	10.12.2021	11.12.2021
09-10am	Pre-University exam					
10 - 11am						
11 - 01pm						
01 - 02pm						
02 - 03pm						
03 - 04pm						
04 - 05pm						

Amaltas Institute of Medical Sciences, Dewas
Competency Based Time Table for MBBS Phase - Batch 2020-21

TIME TABLE

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Date/ Time	13.12.2021	14.12.2021	15.12.2021	16.12.2021	17.12.2021	18.12.2021
09-10am	Pre-University exam					
10 - 11am						
11 - 01pm						
01 - 02pm						
02 - 03pm						
03 - 04pm						
04 - 05pm						

Dr. S.G. Wankhede

Dean

AIMS, Dewas

Dr. Viraj M Bhate

Prof. & Incharge Academic Programme

AIMS, Dewas