

Sri Siddhartha Medical College, Tumkur

15<sup>th</sup> March 2022 - MBBS PHASE II – BLOCK I :WEEK 1

	AITo	Formative assessment	SDL	Integration	AETCOM	Pandemic
	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -1	Clinical postings	Pharmacology (Lecture) PH 1.1 Define & Describe the principles of Pharmacology &Pharmacotherapeutics	Medicine (Lecture) IM23.1 Discuss and describe the methods of nutritional assessment in an adult and calculation of caloric requirements during illnesses IM23.2 Discuss and describe the causes and consequences of protein caloric malnutrition in the hospital IM23.4 Enumerate the indications for enteral and parenteral nutrition in critically ill patients	Lunch break	Pathology – A DOAP PA 1.3 1.1-Introduction to Pathology and study of microscope	
					Microbiology – B DOAP: Simple Stain Hanging Drop Demonstration SGD-Microscopy, Applications, SDL- Introduction & History of Microbiology	
					Pharmacology- C PH 1.19 Describe nomenclature of drugs i.e. generic, branded drugs	
Tuesday Day -2	Clinical postings	Microbiology (Lecture) MI 1.1.1Introduction to infectious diseases	Pathology (Lecture) PA 1.1 & 1.2 Introduction and history of Pathology Common definitions and terms used in pathology	Lunch break	Pathology – B DOAP PA 1.31.1-Introduction to Pathology and study of microscope	
					Microbiology – C DOAP: Simple Stain Hanging Drop Demonstration SGD-Microscopy, Applications, SDL- Introduction & History of Microbiology	
					Pharmacology- A PH 1.19 Describe nomenclature of drugs i.e. generic, branded drugs	
Wednesday Day -3	Clinical postings	Pharmacology (Lecture) PH 1.11Describe various routes of drug administration, eg: oral, SC, IV, IM, SL (SGD)	Community medicine (Lecture) CM 13.1 & 13.2- Concept of Disaster management, disaster management cycle	Lunch break	Pathology – C DOAP PA 1.3 1.1-Introduction to Pathology and study of microscope	
					Microbiology –A DOAP: Simple Stain Hanging Drop Demonstration SGD-Microscopy, Applications, SDL- Introduction & History of Microbiology	
					Pharmacology- B (SGD) PH 1.9 Describe nomenclature of drugs i.e. generic, branded drugs	

Thursday Day -4	Clinical postings	Pathology (Lecture) PA 2.1, 2.2, –Cell injury 1: Types, causes and mechanism, effects and clinical significance	Microbiology (Lecture) MI1.1.2Morphology &Physiology of Bacteria	Lunch break	Community medicine - SGT CM 1 Revision and MCQs	
Friday Day - 5	Clinical postings	Microbiology (Lecture) MI1.1.3 Introduction to virology	OBG (Lecture) OG 1.1Define and discuss birth rate, maternal mortality rate and morbidity	Lunch break	Forensic medicine Lecture FM 1.1, 1.2 Demonstrate knowledge of Forensic Medicine like definition of forensic medicine, ethics, forensic pathology, legal medicine and jurisprudence. Describe history of forensic medicine	SU1.1 Describe Basic concepts of homeostasis, enumerate the metabolic changes in injury and their mediators.
Saturday Day - 6	Clinical training and procedural skills	Pathology SGT PA 2.4 Describe and discuss cell death, types, mechanism and necrosis, apoptosis and Autolysis	Pharmacology (Lecture) PH 1.4 Describe absorption, distribution, metabolism & excretion of drugs Pharmacokinetics (PK)	Lunch break	Pathology SDL PA 2.4 Describe and discuss cell death, types, mechanism and apoptosis and Autolysis	

WEEK 2

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -7	Clinical postings	Pharmacology (Lecture) PH 1.4 Describe absorption, distribution, metabolism & excretion of drugs Pharmacokinetics (PK)	Medicine (Lecture) IM23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Lunch break	Pathology – A DOAP PA 2.5 Degeneration: Specimen - Fatty liver Slides- Fatty liver dystrophic calcification and hyaline degeneration	
					Microbiology – B MI1.1.2.3 Culture media and methods (including anaerobic) SGD-MI1.1.2.3 Culture Media Identification of Bacteria	
					Pharmacology- C PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/	

					local/ parenteral; solid/liquid)	
Tuesday Day -8	Clinical postings	Microbiology (Lecture) MI1.1.4 Introduction to mycology	Pathology (Lecture) PA2.3 Intracellular accumulation of Fat	Lunch break	Pathology – B DOAP PA 2.5 Degeneration: Specimen - Fatty liver Slides- Fatty liver dystrophic calcification and hyaline degeneration	
					Microbiology – C MI1.1.2.3 Culture media and methods (including anaerobic) SGD-MI1.1.2.3 Culture Media Identification of Bacteria	
					Pharmacology- A PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	
Wednesday Day -9	Clinical postings	Pharmacology (Lecture) PH 1.4 Describe absorption, distribution, metabolism & excretion of drugs Pharmacokinetics (PK)	Community medicine (Lecture) CM 13.3 Man-made disasters in the world and in India CM 13.4 National Disaster Management Authority	Lunch break	Pathology – C DOAP PA 2.5 Degeneration: Specimen - Fatty liver Slides- Fatty liver dystrophic calcification and hyaline degeneration	
					Microbiology –A MI1.1.2.3 Culture media and methods (including anaerobic) SGD-MI1.1.2.3 Culture Media Identification of Bacteria	
					Pharmacology- B PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	
Thursday Day -10	Clinical postings	Pathology (Lecture) PA2.3 Intracellular accumulations of Protein , carbohydrates and Pigments	Microbiology (Lecture) MI1.1.5 Introduction to parasitology	Lunch break	Community medicine SGT CM 2 & 3 Revision and MCQs	
Friday Day – 11	Clinical postings	Microbiology (Lecture) MI1.4.1Sterilization & Disinfection - Physical methods	OBG (Lecture) OG1.2 Define and discuss perinatal mortality and morbidity including neonatal mortality and morbidity audit	Lunch break	Forensic medicine Lecture FM 2.1Define, describe and discuss death and its types including somatic / clinical / cellular, molecular and brain-death, Cortical Death and Brainstem Death FM 2.2 Describe and discuss natural and	SU 1.2 Describe the factors that affect the metabolic response to injury

					unnatural deaths FM2.3 - Describe and discuss issues related to sudden natural deaths
Saturday Day – 12	Clinical training and procedural skills	Pathology SGT PA - 2.7Cellular ageing and Apoptosis	Pharmacology SDL 1.2 Evidence Based Medicine	Lunch break	Pathology SDL PA 2.6 –Cellular adaptations Describe and discuss cellular adaptations: Atrophy, Hypertrophy, Hyperplasia, Metaplasia and Dysplasia

WEEK -3

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -13	Clinical postings	Pharmacology (Lecture) PH 1.4 Describe absorption, distribution, metabolism & excretion of drugs Pharmacokinetics (PK)	Medicine (Lecture) IM23.3 Discuss and describe the aetiology, causes, clinical manifestations, complications, diagnosis and management of common vitamin deficiencies	Lunch break	Pathology – ADOAP PA 2.8NecrosisSpecimen of Gangrene Slide: Coagulative and caseous necrosis	Microbiology – B 1.1.3. Demonstration of Viral Diagnostic Methods
					Pharmacology- C PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	
					Pathology – B DOAP PA 2.8Necrosis, Specimen of Gangrene Slide: Coagulative and caseous necrosis	Microbiology – C 1.1.3. Demonstration of Viral Diagnostic Methods
Tuesday Day -14	Clinical postings	Microbiology  Formative assessment Culture media Sterilization & Disinfection	Pathology (Lecture) PA 3.1 and 3.2 Describe the pathogenesis and pathology of amyloidosis,	Lunch break	Pharmacology- A PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	Pathology – C DOAP PA 2.8Necrosis, Specimen of Gangrene Slide: Coagulative and caseous necrosis
					Microbiology – A 1.1.3 Demonstration of Viral Diagnostic Methods	
					Pathology – B DOAP PA 2.8Necrosis, Specimen of Gangrene Slide: Coagulative and caseous necrosis	Microbiology – C 1.1.3 Demonstration of Viral Diagnostic Methods
Wednesday Day -15	Clinical postings	Pharmacology (Lecture) PH 1.5 Describe general principles of mechanism of drug action Pharmacodynamics	Community medicine Lecture CM 18.1 Concept of International Health, WHO	Lunch break	Pathology – A PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	Microbiology – A 1.1.3 Demonstration of Viral Diagnostic Methods
					Pathology – C DOAP PA 2.8Necrosis, Specimen of Gangrene Slide: Coagulative and caseous necrosis	Microbiology – B 1.1.3 Demonstration of Viral Diagnostic Methods

					Pharmacology- B PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	
Thursday Day -16	Clinical postings	Pathology (Lecture) PA4.1 Inflammation- General features. Acute Inflammation – Vascular events , cellular events	Microbiology (SGD) MI1.3 Epidemiology & pathogenesis of Infectious diseases	Lunch break	Community medicine SGT CM 5 Revision and MCQs	
Friday Day – 17	Clinical postings	Microbiology (SGD) MI1.5.1 Sterilization & Disinfection, Spaulding's classification, chemical methods	OBG (Lecture) OG 2.1 Describe and discuss the development and anatomy of female reproductive tract ,relationship to other pelvic organs, applied anatomy as related to obstetrics and gynaecology	Lunch break	Forensic medicine Lecture FM2.5 - Discuss moment of death, modes of death - coma, asphyxia and syncope FM2.6 - Discuss presumption of death and survivorship FM2.7 - Describe and discuss suspended animation	SU 2.1 Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement and monitoring.
Saturday Day – 18	Clinical training and procedural skills	Pathology (SGT) PA4.1 Inflammation- General features. Acute Inflammation – cellular events	Pharmacology (Lecture) PH 1.5 Describe general principles of mechanism of drug action Pharmacodynamics	Lunch break	Pathology Formative assessment  Cell injury, adaptations & necrosis	Patho Feedback on assessment

WEEK -4

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -19	Clinical postings	Pharmacology (Lecture) PH 1.5 Describe the factors modifying drug action	Medicine (Lecture) IM14.1 Define and measure obesity as it relates to the	Lunch break	Pathology – A DOAP PA 4.4Acute inflammation Specimen : Acute appendicitis , lobar pneumonia	

			<p>Indian population  IM14.2 Describe and discuss the aetiology of obesity including modifiable and non-modifiable risk factors and secondary causes  IM14.3 Describe and discuss the monogenic forms of obesity  IM14.4 Describe and discuss the impact of environmental factors including eating habits, food, work, environment and physical activity on the incidence of obesity  IM14.5 Describe and discuss the natural history of obesity and its complications</p>		<p>Slides: Acute appendicitis , lobar pneumonia  Microbiology – B  1.1.4. Demonstration of Fungal Diagnostic Method  SDL- 1.7.2MI1.7.2 immune system  Pharmacology- C  PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)</p>
Tuesday Day -20	Clinical postings	<p>Microbiology SGD  MI1.6.2 Principles and types of antibiotic susceptibility testing (Introduce MRSA, ESBL,MBL, VRE)</p>	<p>Pathology (Lecture)  PA 4.2 Acute inflammation –  Chemical mediators of acute inflammation</p>	Lunch break	<p>Pathology – B DOAP  PA 4.4Acute inflammation  Specimen : Acute appendicitis , lobar pneumonia  Slides: Acute appendicitis , lobar pneumonia  Microbiology – C  1.1.4. Demonstration of Fungal Diagnostic Method  SDL- 1.7.2 MI1.7.2 immune system  Pharmacology- A  PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)</p>
Wednesday Day -21	Clinical postings	<p>Pharmacology( lecture)  PH 1.7 Define, identify and describe the management of adverse drug reactions (ADR)</p>	<p>Community medicine Lecture  CM 18.2 Role of various international health agencies (UNICEF, Red Cross, FAO, etc.)</p>	Lunch break	<p>Pathology – C DOAP  PA 4.4Acute inflammation  Specimen : Acute appendicitis , lobar pneumonia  Slides: Acute appendicitis , lobar pneumonia  Microbiology –A  1.1.4. Demonstration of Fungal Diagnostic Method  SDL- 1.7.2 MI1.7.2 immune system  Pharmacology- B</p>

					PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)	
Thursday Day -22	Clinical postings	Pathology (Lecture) PA5.1 Define and describe repair and wound healing and Types of Fracture healing	Microbiology (Lecture) MI1.6.1 Bacterial genetics (Bacteriophage)	Lunch break	Community medicine SGT CM 4 & 9 Revision and MCQs	
Friday Day – 23	Clinical postings	Microbiology (Lecture) MI1.7.1 Immunity	OBG (Lecture) OG 2.1 Describe and discuss the development and anatomy of female reproductive tract ,relationship to other pelvic organs, applied anatomy as related to obstetrics and gynaecology	Lunch break	Forensic medicine Lecture FM8.2 - Define the terms Toxicology, Forensic Toxicology, Clinical Toxicology and poison FM8.3 - Describe the various types of poisons, Toxicokinetics, and Toxicodynamics and diagnosis of poisoning in living and dead FM8.4 - Describe the Laws in relations to poisons including NDPS Act, Medico-legal aspects of poisons FM8.6 - Describe the general symptoms, principles of diagnosis and management of common poisons encountered in India	SU 2.1 Describe Pathophysiology of shock, types of shock & principles of resuscitation including fluid replacement and monitoring.
Saturday Day – 24	Clinical training and procedural skills	Pathology (SGT) PA6.1 Define and describe edema, types, pathogenesis and clinical correlation	Pharmacology SDL PH 1.2Basis of Evidence based medicine and TDM	Lunch break	Mentor meeting	

WEEK -5

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -25	Clinical postings	Pharmacology (Lecture) PH 1.16.14 Non-steroidal Anti-inflammatory Drugs and Antipyretic-Analgesics	Medicine (Lecture) IM14.13 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for obesity IM14.14 Describe and enumerate the indications and side effects of bariatric surgery IM14.15 Describe and enumerate and educate patients, health care workers and the public on measures to prevent obesity and promote a healthy lifestyle	Lunch break	Pathology – A DOAP PA 4.3 and 4.4 Define and describe chronic inflammation, causes, types, Granulomatous inflammation Specimen : TB lymph node, Madura foot Slides: Granulation tissue, TB lymph node, Actinomycosis, Rhinosporidiosis	
					Microbiology – B 1.1.5.Demonstration of Parasitic Diagnostic Method SDL-MI1.7.3Antigen &immunoglobulins	
					Pharmacology- C PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)- Revision <b>PH1.27 Pharmacotherapy of Shock SGD</b>	
Tuesday Day -26	Clinical postings	Microbiology LECTURE MI1.7.4 Complement system	Pathology (Lecture) PA6.3 Define and describe shock – Pathogenesis, stages and types of shock	Lunch break	Pathology – A DOAP PA 4.3 and 4.4 Define and describe chronic inflammation, causes, types, Granulomatous inflammation Specimen : TB lymph node, Madura foot Slides: Granulation tissue, TB lymph node, Actinomycosis, Rhinosporidiosis	
					Microbiology – C 1.1.5.Demonstration of Parasitic Diagnostic Method SDL-MI1.7.3Antigen &immunoglobulins	
					Pharmacology- A PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid) Revision <b>PH1.27 Pharmacotherapy of Shock SGD</b>	
Wednesday Day -27	Clinical postings	Pharmacology Lecture PH 1.16.14 Non-steroidal Anti-inflammatory Drugs and Antipyretic-Analgesics	Community medicine Lecture CM 13 & 18 MCQs	Lunch break	Pathology – A DOAP PA 4.3 and 4.4 Define and describe chronic inflammation, causes, types, Granulomatous inflammation Specimen : TB lymph node, Madura foot Slides: Granulation tissue, TB lymph node, Actinomycosis, Rhinosporidiosis	
					Microbiology –A	



					1.1.5.Demonstration of Parasitic Diagnostic Method SDL-MI1.7.3Antigen & immunoglobulins Pharmacology- B PH 2.1 Demonstrate understanding of the use of various dosage forms (oral/ local/ parenteral; solid/liquid)- Revision <b>PH1.27 Pharmacotherapy of Shock SGD</b>	
Thursday Day -28	Clinical postings	Pathology (Lecture) PA 6.4 Normal haemostasis Describe etiopathogenesis and consequence of thrombosis .	Microbiology Lecture MI1.7.5Antigen-Antibody reactions	Lunch break	Community medicine SGT FORMATIVE ASSESSMENT	
Friday Day – 29	Clinical postings	Microbiology(Lecture) MI1.8.1Immune response -Humoral	OBG (Lecture) OG 3.1Describe the physiology of ovulation, menstruation, fertilization, implantation and gametogenesis	Lunch break	Forensic medicine Lecture FM2.11 - FM2.14 - FM8.5 - FM8.9 - Describe the procedure of intimation of suspicious cases or actual cases of foul play to the police, maintenance of records, preservation and dispatch of relevant samples for laboratory analysis	SU 2.2 Describe the clinical features of shock and its appropriate treatment
Saturday Day – 30	Clinical training and procedural skills	Pathology (SGT) PA 6.5 Embolism – Definition, etiopathogenesis , types and consequences	Pharmacology (Lecture) <i>PH 1.27, 1.25 Shock and plasma expanders</i>	Lunch break	Pathology (SDL) PA 6.5- Air embolism, amniotic fluid embolism, fat embolism.	

WEEK -6

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -31	Clinical postings	Pharmacology(Lecture) PH 1.25 Coagulants and Anti-coagulants	Medicine (Lecture) IM4.1 Describe and discuss the febrile response and the influence of host immune status, risk factors and comorbidities on the febrile response IM4.2 Describe and discuss the influence of special populations on the febrile response including: the elderly, immune suppression, malignancy and neutropenia, HIV and travel	Lunch break	Pathology – A DOAP PA 6.2& 6.6 CVC and infraction Specimen: CVC liver, lung, Infraction spleen Slides: CVC lung, liver spleen	
					Microbiology – B Gram Stain (1)	
					Pharmacology- C PH 1.62: Antiseptics & disinfectants(SDL) <b>Ph1.39 Hormonal contraceptives</b>	
Tuesday Day -32	Clinical postings	Microbiology SGD MI1.9 Immunological basis of vaccine & Universal Immunization Schedule	Pathology (Lecture) PA 7.1 Neoplasia – Definition classification, biologic behaviour and spread	Lunch break	Pathology – B DOAP PA 6.2 CVC and infraction Specimen: CVC liver, lung, Infraction spleen Slides: CVC lung, liver spleen	
					Microbiology – C Gram Stain (1)	
					Pharmacology- A PH 1.62: Antiseptics & disinfectants(SDL) <b>Ph1.39 Hormonal contraceptives</b>	
Wednesday Day -33	Clinical postings	Pharmacology lecture PH1.37. Estrogens and progestin	Community medicine Lecture  CM 19.1 - Define & describe the Concept of Essential Medicine CM 19.2 - List ,Role of Essential medicine in Primary Healthcare	Lunch break	Pathology – C DOAP PA 6.2 CVC and infraction Specimen: CVC liver, lung, Infraction spleen Slides: CVC lung, liver spleen	
					Microbiology –A Gram Stain (1)	
					Pharmacology- B PH 1.62: Antiseptics & disinfectants(SDL) <b>Ph1.39 Hormonal contraceptives</b>	
Thursday Day -34	Clinical postings	Pathology (Lecture) PA 7.1	Microbiology (Lecture) MI1.8.2 Immune response - cell	Lunch break	Community medicine SGT CM 7.1 Epidemiology- definition,	

		Neoplasia – Differences between benign and malignant tumours	mediated		principles, concepts and uses-1	
Friday Day – 35	Clinical postings	Microbiology Formative assessment  General Microbiology	OBG (Lecture) OG 3.1 Describe the physiology of ovulation, menstruation, fertilization, implantation and Gametogenesis	Lunch break	Forensic medicine Lecture FM2.12 - Describe the legal requirements to conduct post-mortem examination and procedures to conduct medico-legal post-mortem examination FM2.13 - Describe and discuss obscure autopsy FM2.17 - Describe and discuss exhumation	S SU 3.1 Describe the Indications and appropriate use of blood and blood products and complications of blood transfusion
Saturday Day – 36	Clinical training and procedural skills	Pathology (SGT) PA 7.2 Describe molecular basis of cancer	Pharmacology (SDL) PH 1.13 Describe organisation ANS, neurotransmission, , adrenergic neurotransmission		Microbiology Feedback	

MBBS PHASE II – BLOCK I :WEEK7

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day -37	Clinical postings	Pharmacology(Lecture) <i>PH 1.13 Adrenergic drugs</i>	Medicine (Lecture) IM4 3. Discuss and describe the common causes pathophysiology and Discuss and describe the common causes, pathophysiology and manifestations of fever in various regions in India including bacterial, parasitic	Lunch break	Pathology – A PA 6.6 and 6.7 DOAP – Describe and define ischemia/infraction , types and clinical effects Gross Specimen of ischemia	Microbiology – B Gram Stain(2)ZN stain(1) Pharmacology- C PH 3.4 To recognize and report an

			and viral causes (e.g.Dengue, Chikungunya, Typhus) IM4.4 Describe and discuss the pathophysiology and manifestations of inflammatory causes of fever IM4.5 Describe and discuss the pathophysiology and manifestations of malignant causes of fever including hematologic and lymph node		adverse drug reaction, PH 1.6 Describe principles of Pharmacovigilance& ADR reporting systems
Tuesday Day – 38	Clinical postings	Microbiology (Lecture) MI1.10.1 Hypersensitivity -1	Pathology (Lecture) PA7.3 Carcinogens and Carcinogenesis	Lunch break	Pathology – B PA 6.6 and 6.7 DOAP – Describe and define ischemia/infracton , types and clinical effects Gross Specimen of ischemia
					Microbiology – C Gram Stain(2) ZN stain(1)
					Pharmacology- A PH 3.4 To recognize and report an adverse drug reaction PH 1.6 Describe principles of Pharmacovigilance& ADR reporting systems
Wednesday Day – 39	Clinical postings	Pharmacology (Lecture) PH 1.13 Adrenergic drugs	Community medicine Lecture CM 19.3- Counterfeit medicine and its prevention	Lunch break	Pathology – C PA 6.6 and 6.7 DOAP – Describe and define ischemia/infracton , types and clinical effects Gross Specimen of ischemia
					Microbiology –A Gram Stain(2) ZN stain(1)
					Pharmacology- BPH 3.4 To recognize and report an adverse drug reaction <i>PH 1.6 Describe principles of Pharmacovigilance&amp; ADR reporting systems</i>
Thursday Day –40	Clinical postings	Pathology (Lecture) PA7.3 Carcinogenic virus and Viral Carcinogenesis	Microbiology (Lecture) MI1.10.2Hypersensitivity – 2	Lunch break	Community medicine SGT CM 7.2 Modes of transmission and measures for prevention and control of communicable and non-communicable diseases-1
Friday	Clinical postings	Microbiology SGD	OBG (Lecture)	Lunch	Lecture
					SU 3.1 Describe

Day -41		MI1.10.3 Autoimmunity	OG4.1 Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development , anatomy and physiology of placenta, and teratogenesis	break	Forensic medicine FM8.8 - Describe basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination FM8.10 - Describe the general principles of Analytical Toxicology and give a brief description of analytical methods available for toxicological analysis: Chromatography – Thin Layer Chromatography, Gas Chromatography, Liquid Chromatography and Atomic Absorption Spectroscopy	the Indications and appropriate use of blood and blood products and complications of blood transfusion.
Saturday Day -42	Clinical training and procedural skills	Pathology (SGT) PA7.4 & 7.5 Describe the effects of the tumour on the host Paraneoplastic syndrome	Pharmacology(Lecture) <i>PH 1.13 Antiadrenergic drugs - alpha blockers</i>	Lunch break	Pharmacology <i>Formative assessment</i> <i>General</i> <i>Pharmacology and blood</i>	Pharmacology Feedback

MBBS PHASE II – BLOCK I : WEEK - 8

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day - 43	Clinical postings	Pharmacology (Lecture) <i>PH 1.13 Anti Adrenergic drugs – beta blockers</i>	Medicine (Lecture) IM4.8 Discuss and describe the pathophysiology, aetiology and clinical manifestations of fever of	Lunch break	Pathology – A DOAP PA 7.1 Specimen : Lipoma, Leiomyoma , Slides Hemangioma, Schwannoma , Lipoma	Microbiology – B ZN Stain

			unknown origin (FUO) including in a normal host neutropenic host nosocomial host and a host with HIV		Stool Examination SDL-MI2.5.4 Filarial worm	
					Pharmacology- C PH 4.2 Effects of drugs on blood pressure- 1 CAL	
Tuesday Day – 44	Clinical postings	Microbiology Lecture MI1.11 Immunology of transplantation & tumour Immunity	Pathology (Lecture) PA 9.1 Principles and mechanism of immunity Immunology 9.3 HLA system and immune principals Transplant pathology	Lunch break	Pathology – B DOAP PA 7.1 Specimen : Lipoma, Leiomyoma , Slides Hemangioma, Schwannoma , Lipoma	
					Microbiology – C ZN Stain Stool Examination SDL-MI2.5.4 Filarial worm	
					Pharmacology- A PH 4.2 Effects of drugs on blood pressure- 1 CAL	
Wednesday Day – 45	Clinical postings	Pharmacology (Lecture) PH 1.49 Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drug	Community medicine Lecture) CM 7.3 Sources of epidemiological data	Lunch break	Pathology – C DOAP PA 7.1 Specimen : Lipoma, Leiomyoma , Slides Hemangioma, Schwannoma , Lipoma	
					Microbiology –A ZN Stain Stool Examination SDL-MI2.5.4 Filarial worm	
					Pharmacology- B PH 4.2 Effects of drugs on blood pressure- 1 CAL	
Thursday Day – 46	Clinical postings	Pathology (Lecture) 9.2 Hypersensitivity reactions	Microbiology Lecture MI2.1 Rheumatic fever - Microbial agent and pathogenesis, Lab diagnosis and management - Streptococcus pyogenes	Lunch break	Community medicine SGT CM 7.4 Morbidity and mortality indicators calculation CM 7.5 Epidemiological study designs I diseases	
Friday Day -47	Clinical postings	Microbiology Lecture MI2.2 Infective endocarditis	OBG (Lecture) OG4.1 Describe and discuss the basic embryology of fetus, factors influencing fetal growth and development , anatomy and physiology of placenta, and	Lunch break	Forensic medicine Lecture FM13.1 - Describe toxic pollution of environment, its medico-legal aspects & toxic hazards of occupation and	SU 4.1 Elicit document and present history in a case of Burns and perform physical examination.

			teratogenesis		industry FM13.2 - Describe medico-legal aspects of poisoning in Workman's Compensation Act	Describe Pathophysiology of Burns.
Saturday Day – 48	Clinical training and procedural skills	Pathology (SGT ) PA 9.4, 9.5.9.6.9.7 Autoimmune disorders Def, SLE, HIV and other common auto immune disorders	Pharmacology(Lecture) PH 1.49 Describe mechanism of action, classes, side effects, indications and contraindications of anticancer drug	Lunch break	Mentor meeting	

MBBS PHASE II – BLOCK I : WEEK - 09

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day - 49	Clinical postings	Pharmacology <i>Lecture</i> PH 1.50 Describe mechanisms of action, types, doses, side effects, indications and contraindications of immunomodulators and management of organ transplant rejection	Medicine (Lecture) IM4.6 Discuss and describe the pathophysiology and manifestations of malaria IM4.7 Discuss and describe the pathophysiology and manifestations of the sepsis syndrome	Lunch break	Pathology – A DOAP PA. 7 Specimen – SCC and Adenocarcinoma, malignant melanoma Slides SCC, BCC, Adenocarcinoma, TCC Specimen : Fibrosarcoma, secondaries in lung Slides: Fibrosarcoma , secondaries in lymphnode	Microbiology – B SDL-Diphyllobothriumlatum and Mansonella MI1.5 Physical methods of sterilization – Demo, Visit to CSSD
Tuesday Day – 50	Clinical postings	Microbiology (Lecture) MI2.3.1 Septicemia	Pathology (Lecture) PA 10.1.10.2, 10.3,10.4 Describe pathogenesis and pathology of Malaria, Cysticercosis, leprosy, Bacterial, Viral and protozoa	Lunch break	Pathology – B DOAP PA7 Specimen – SCC and Adenocarcinoma, malignant melanoma Slides SCC, BCC, Adenocarcinoma, TCC Specimen : Fibrosarcoma, secondaries in lung	

			and Helminthic diseases		Slides: Fibrosarcoma , secondaries in lymphnode Microbiology – C SDL-Diphyllobothriumlatum and Mansonella MI1.5 Physical methods of sterilization – Demo, Visit to CSSD Pharmacology- A PH 4.2 Effects of drugs on blood pressure- 2, CAL	
Wednesday Day – 51	Clinical postings	Pharmacology Lecture <i>PH 1.16 Histamine and Anti-histaminics</i>	Community medicine Lecture CM 7.6 Screening tests- definition, types ,uses.	Lunch break	Pathology – C DOAP PA 7 Specimen – SCC and Adenocarcinoma, malignant melanoma Slides SCC, BCC, Adenocarcinoma, TCC Specimen : Fibrosarcoma, secondaries in lung Slides: Fibrosarcoma , secondaries in lymphnode Microbiology –A SDL-Diphyllobothriumlatum and Mansonella MI1.5 Physical methods of sterilization – Demo, Visit to CSSD Pharmacology- B PH 4.2 Effects of drugs on blood pressure- 2, CAL	
Thursday Day – 52	Clinical postings	Pathology (Lecture) PA 11.1 11.2 – Infancy and child hood Common cytogenetic abnormalities and mutation s in childhood Tumours and tumour like conditions in infancy and child hood	Microbiology (Lecture) MI2.5 Parasites endemic to India- Classification, distribution and disease burden	Lunch break	Community medicine SGT CM 7.5 - Epidemiological Study Designs-II	
Friday Day – 53	Clinical postings	Microbiology SGD MI2.4 Anaemia	OBG (Lecture) OG 6.1 Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests.	Lunch break	Lecture Forensic medicine FM9.2 - Describe General Principles and basic methodologies in treatment of poisoning:	SU 4.2 Describe Clinical features, Diagnose type and extent of burns and plan appropriate treatment.



					decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Phosphorus, Iodine, Barium
Saturday Day – 54	Clinical training and procedural skills	Pathology (SGT) PA 12.1, 12.2 Disorders caused by Air pollution, tobacco, Alcohol	Pharmacology (lecture) PH 1.14 Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs Cholinergic transmission and Cholinergic drugs	Lunch break	Pathology (SDL) PA 11.3 – Infancy and child hood Describe the pathogenesis of common storage disorders in infancy and childhood

MBBS PHASE II – BLOCK I : WEEK -10

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day - 55	Clinical postings	Pharmacology (lecture) PH 1.14 Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs Cholinergic transmission and Cholinergic drugs	Medicine (Lecture) IM16.1 Describe and discuss the aetiology of acute and chronic diarrhea including infectious and non infectious causes IM16.2 Describe and discuss the acute systemic consequences of diarrhea including its impact on fluid balance	Lunch break	Pathology – A DOAP PA 8.3- Basis of exfoliative cytology including technique Observe a diagnostic cytology, staining and interpretation of cytology Microbiology – B MI1.5 Identify the most appropriate method of sterilization / disinfection in the given case scenarios. Discuss the reason for choosing the method of sterilization / disinfection. MI1.6.2 Antimicrobial susceptibility testing and interpretation – Disk diffusion Demo	Pharmacology- C PH 3.5 Prepare and explain list of P-drugs

					for given cases- 3 nos
Tuesday Day – 56	Clinical postings	Microbiology (Lecture) MI2.5.1 Malaria, mode of infection, pathogenesis, clinical course, lab diagnosis, treatment and Prevention	Pathology (Lecture) PA- 12.3- PEM and Starvation and Obesity	Lunch break	Pathology – B DOAP PA 8.3- Basis of exfoliative cytology including technique Observe a diagnostic cytology, staining and interpretation of cytology Microbiology – C MI1.5 Identify the most appropriate method of sterilization / disinfection in the given case scenarios. Discuss the reason for choosing the method of sterilization / disinfection. MI1.6.2 Antimicrobial susceptibility testing and interpretation – Disk diffusion Demo Pharmacology- A PH 3.5 Prepare and explain list of P-drugs for given cases- 3 nos
Wednesday Day - 57	Clinical postings	Pharmacology (lecture) PH 1.14 Describe mechanism of action, types, doses, side effects, indications and contraindications of cholinergic and anticholinergic drugs Cholinergic transmission and Cholinergic drugs	Community Medicine (Lecture) CM 7.6 Enumerate and evaluate the need of screening tests	Lunch break	Pathology – C DOAP PA 8.3- Basis of exfoliative cytology including technique Observe a diagnostic cytology, staining and interpretation of cytology Microbiology –A MI1.5 Identify the most appropriate method of sterilization / disinfection in the given case scenarios. Discuss the reason for choosing the method of sterilization / disinfection. MI1.6.2 Antimicrobial susceptibility testing and interpretation – Disk diffusion Demo Pharmacology- B PH 3.5 Prepare and explain list of P-drugs for given cases- 3 nos
Thursday Day –58	Clinical postings	Pathology (Lecture) PA 13.1 13.3 Describe haematopoiesis and extramedullary haematopoiesis Define and classify anaemia	Microbiology Lecture MI2.5.2 Leishmania pathogenesis, clinical course, lab diagnosis, treatment and prevention	Lunch break	Community medicine SGT CM 7.7 Investigation of an epidemic of communicable disease and principles of control measures
Friday Day -59	Clinical postings	Microbiology SGD Case discussion- Hookworms, pathogenesis, clinical course,lab diagnosis, treatment and prevention	OBG lecture OG 6.1Describe, discuss and demonstrate the clinical features of pregnancy, derive and discuss its differential	Lunch break	Lecture Forensic medicine FM9.1 - Describe General Principles and basic methodologies in SU 4.2 Describe Clinical features, Diagnose type and extent of

			diagnosis, elaborate the principles underlying and interpret pregnancy tests		treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to: Caustics Inorganic – sulphuric, nitric and hydrochloric acids; Organic- Carbolic acid (phenol), Oxalic and Acetyl salicylic acids FM9.3 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy, procedures of enhanced elimination with regard to Arsenic, lead, mercury, copper, iron, cadmium and thallium	burns and plan appropriate treatment.
Saturday Day -60	Clinical training and procedural skills	Pathology (SGT ) PA 13.4 Enumerate and describe investigation of Anaemia	Pharmacology ( <i>Lecture</i> ) PH 1.25 antiplatelets, fibrinolytics and antifibrinolytics	Lunch break	Pathology (SDL) PA 8.1, 8.2- Basic diagnostic cytology Diagnostic role and its application in clinical care	

MBBS PHASE II – BLOCK I : WEEK -11

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day - 61	Clinical postings	Pharmacology (Lecture) <i>PH 1.35 drugs used in anemia</i>	Medicine (Lecture) IM16.3 Describe and discuss the chronic effects of diarrhea including malabsorption IM16.15 Distinguish based on the clinical presentation Crohn's disease from Ulcerative Colitis	Lunch break	Pathology – A DOAP PA 13.2 – Anticoagulants, Vacutainers PA 13.5 Peripheral smear reporting NCNCBP , Eosinophilia	Microbiology – B MI1.7.5 Demonstration of types of Antigen Antibody reactions SDL-1.10.4 – Immunodeficiency
					Pharmacology- C	

			<p>IM16.16 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy including immunotherapy</p> <p>IM16.17 Describe and enumerate the indications for surgery in inflammatory bowel disease</p>		Formative assessment	
Tuesday Day – 62	Clinical postings	<p>Microbiology SGD</p> <p>Case discussion- Malaria with complication and reinforce life cycle, Babesiosis</p>	<p>Pathology (Lecture)</p> <p>PA 14.1- Describe iron metabolism</p> <p>PA 14.2- Etiopathogenesis &amp; lab investigation &amp; differential diagnosis of MCHC anemia</p>	Lunch break	<p>Pathology – B DOAP</p> <p>PA 13.2 – Anticoagulants, Vacutinners and 13.5 Peripheral smear reporting NCNCBP , Eosinophilia</p>	
					<p>Microbiology – C</p> <p>MI1.7.5 Demonstration of types of Antigen Antibody reactions</p> <p>SDL-1.10.4– Immunodeficiency</p>	
					Pharmacology- C Formative assessment	
Wednesday Day – 63	Clinical postings	<p>Pharmacology (Lecture)</p> <p><i>PH 1.35 drugs used in anemia</i></p>	<p>Community Medicine (Lecture)</p> <p>CM 7.8 Principles of association , causation and biases in epidemiological studies</p>	Lunch break	<p>Pathology – C Pathology – A DOAP</p> <p>PA 13.2 – Anticoagulants, Vacutinners</p> <p>PA 13.5Peripheral smear reporting NCNCBP , Eosinophilia</p>	
					<p>Microbiology –A</p> <p>MI1.7.5 Demonstration of types of Antigen Antibody reactions</p> <p>SDL-1.10.4– Immunodeficiency</p>	
					Pharmacology- B Formative assessment	
Thursday Day –64	Clinical postings	<p>Pathology (Lecture)</p> <p>PA 15.1- Describe Vit B 12 metabolism</p> <p>PA 15.2, 15.4- Etiopathogenesis &amp; lab investigation &amp; differential diagnosis of Macrocytic anemia</p>	<p>Microbiology (TUTORIAL)</p> <p>MI2.5.3Trypanosomes</p>	Lunch break	<p>Community medicine SGT</p> <p>CM 7.9 Application of computers in epidemiology</p>	
Friday Day -65	Clinical postings	<p>Microbiology SGD</p> <p>MI2.5.5Schistosomes</p>	<p>OBG Lecture</p> <p>OG 6.1 Describe, discuss and demonstrate the Clinical features of pregnancy, derive and discuss its differential diagnosis, elaborate the principles underlying and interpret pregnancy tests</p>	Lunch break	<p>Lecture</p> <p>Forensic medicine</p> <p>FM 9.5</p> <p>Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote</p>	<p>Surgery (Lecture)</p> <p>SU4.2</p> <p>BURNS MANAGEMENT</p>

					therapy, procedures of enhanced elimination with regard to Organophosphates, Carbamates, Organochlorines, Pyrethroids, Paraquat, Aluminium and Zinc phosphide  FM12.1 - Describe features and management of abuse/ poisoning with following chemicals: Tobacco, cannabis, amphetamines, cocaine, hallucinogens, designer drugs & solvent	
Saturday Day -66	Clinical training and procedural skills	Pathology (SGT) PA 16.1 Define & classify haemolytic anemias	Pharmacology <i>PH 1.47 Drugs used in Malaria</i>	Lunch break	Pathology SDL PA 16.2 Describe pathogenesis of intra & extra vascular haemolytic anemia & enumerate clinical features & lab findings	

MBBS PHASE II – BLOCK I : WEEK -12

	8 am- 11.00 am	11.00am – 12.00pm	12.00pm – 1.00 pm	1.00pm – 2pm	2pm – 3 pm	3pm – 4 pm
Monday Day - 67	Clinical postings	Pharmacology <i>PH 1.47 Drugs used in Malaria</i>	Medicine (Lecture) . IM16.11 Enumerate the indications for stool cultures and blood cultures in patients with acute diarrhea IM16.12 Enumerate and discuss the indications for further investigations IM16.13 Describe and enumerate the indications, pharmacology and side effects of pharmacotherapy for parasitic causes of diarrhea IM16.14 Describe and enumerate the indications, pharmacology and side	Lunch break	Pathology – A DOAP PA 14.3, 15.3 -Peripheral smear reporting of Microcytic hypochromic anemia & macrocytic anemia  Microbiology – B MI2.1 AE Rheumatic fever - Streptococci – ASLO SGD-MI2.7.4 NACO guidelines, strategies, pre-test counseling, post- test counselling	Pharmacology- C PH 3.5 Prepare and explain list of P-drugs for given cases- 3 nos

			effects of pharmacotherapy for bacterial and viral diarrhea			
Tuesday Day – 68	Clinical postings	Microbiology (Lecture) MI2.7.1 HIV I	Pathology (Lecture) 16.4- Describe etiopathogenesis & lab diagnosis of Acquired haemolytic anemia	Lunch break	Pathology – B DOAP PA 14.3, 15.3 -Peripheral smear reporting of Microcytic hypochromic anemia & macrocytic anemia	
					Microbiology – C MI2.1 AE Rheumatic fever - Streptococci – ASLO SGD-MI2.7.4 NACO guidelines, strategies, pre-test counseling, post- test counselling	
					Pharmacology- A PH 3.5 Prepare and explain list of P-drugs for given cases- 3 nos	
Wednesday Day – 69	Clinical postings	Pharmacology (Lecture) PH 1.47 Management of Kala Azar and amoebiasis	Community medicine Lecture CM 7 Review and MCQs	Lunch break	Pathology – C DOAP PA 14.3, 15.3 -Peripheral smear reporting of Microcytic hypochromic anemia & macrocytic anemia	
					Microbiology –A MI2.1 AE Rheumatic fever - Streptococci – ASLO SGD-MI2.7.4 NACO guidelines, strategies, pre-test counseling, post- test counselling	
					Pharmacology- B PH 3.5 Prepare and explain list of P-drugs for given cases- 3 nos	
Thursday Day –70	Clinical postings	Pathology (Lecture) PA 16.5- Describe peripheral blood picture in different haemolytic anemias	Microbiology (Lecture) MI2.7.3 HIV II	Lunch break	Community medicine SGT CM 7.5 Epidemiological study designs exercises	
Friday Day -71	Clinical postings	Microbiology SGD MI2.7.2 Opportunistic infections - relevant to HIV/AIDS	OBG (Lecture) OG 7.1 Describe and discuss the changes in the genital tract, cardiovascular system, respiratory, haematology, renal and gastrointestinal system in pregnancy	Lunch break	(Lecture)Forensic medicine FM9.4 - Describe General Principles and basic methodologies in treatment of poisoning: decontamination, supportive therapy, antidote therapy,	Lecture Surgery IM15.11 DOCUMENTATION & MONITORING OF BLOOD TRANSFUSION

					procedures of enhanced elimination with regard to Ethanol, methanol, ethylene glycol	
Saturday Day - 72	Clinical training and procedural skills	Pathology (SGT) PA 16.3 & 16.6-Interpreting clinical & haematological features in Sickle cell anemia, thalassemia & reticulocyte count (charts)	Pharmacology (Lecture) <i>PH 1.48 HIV chemotherapy and viral diseases</i>	Lunch break	Mentor meeting	