Medical Education Department

Week 1 (1st January 2020)

Theme: General Microbiology Week/Time Tuesday Wednesday **Thursday** Monday Friday 08:30-10:30 Lecture: Introduction to **Lecture:** Bacterial Lecture: Bacterial cell wall Microbiology arrangement and and functions 10:35-11:30 Venue: Lecture hall 2 morphology Venue: Lecture hall 2 Venue: Lecture hall 2 Lecture: Cell wall inhibitors – **Lecture:** Cell wall inhibitors – **Lecture:** Introduction to Penicillin Cephalosporin Forensic Medicine 11:35-12:35 Venue: Lecture hall 2 Venue: Lecture hall 2 **Venue:** Lecture hall 2 **Lunch/ Prayer Break** 12:36-01:10 Lecture: Introduction to Public health/ Community 01:15-02:00 Medicine Venue: Lecture hall 2 02:05-03:00

^{*}venues and schedule are subject to change. Students will be informed on site.



Week 1 (1st January 2020)

Theme: General Microbiology Week/Time Tuesday Wednesday **Thursday** Monday Friday 08:30-10:30 Lecture: Cell wall inhibitors -Lecture: Cell wall inhibitors -**Lecture:** Introduction to Penicillin Cephalosporin Forensic Medicine 10:35-11:30 Venue: Lecture hall 1 Venue: Lecture hall 1 Venue: Lecture hall 1 Lecture: Bacterial cell wall **Lecture:** Introduction to Lecture: Bacterial and functions Microbiology arrangement and 11:35-12:35 Venue: Lecture hall 1 morphology Venue: Lecture hall 1 Venue: Lecture hall 1 **Lunch/ Prayer Break** 12:36-01:10 **Lecture:** Introduction to Public health/ Community 01:15-02:00 Medicine Venue: Lecture hall 1 02:05-03:00

^{*}venues and schedule are subject to change. Students will be informed on site.



Medical Education Department

Theme: General Microbiology

Week 2 (6st January 2020)

WCCK 2 (0	. (o January 2020)					
Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday	
08:30-10:30		C	linical Rotations – Medici	ne		
10:35-11:30	Lecture: Non-essential structures of bacteria Venue: Lecture hall 2	Lecture: Bacterial growth and multiplication Venue: Lecture hall 2	Lecture: Bacterial genetics Venue: Lecture hall 2	Lecture: Pathogenesis of bacterial diseases Venue: Lecture hall 2	Lecture: Bacterial toxins Venue: Lecture hall 2	
11:35-12:35	Lecture: Cephalosporin and mono bacterium Venue: Lecture hall 2	Lecture: Tetracycline Venue: Lecture hall 2	Lecture: Concept of the health and disease Venue: Lecture hall 2	Lecture: Macrolides Venue: Lecture hall 2	Lecture: Law, Law courts & Evidence in courts Venue: Lecture hall 2	
12:36-01:10			Lunch/ Prayer Break			
01:15-03:00	Group A: Pathology SGD – Micro lab Group B: Pharmacology SGD – Pharma lab Group C: Forensic Medicine lab	Group A: Pathology lab Group B: Pathology SGD – Micro lab Group C: Pharmacology SGD – Pharma lab	Group A: Community Medicine lab Group B: Pathology lab Group C: Pathology SGD – Micro lab	Group A: Forensic Medicine lab Group B: Community Medicine lab Group C: Pathology lab	Group A: Pharmacology SGD – Pharma lab Group B: Forensic Medicine lab Group C: Community Medicine lab	

Pathology SGD: Bacterial arrangement and morphology, cell wall and its functions

Pathology lab: Sterilization

Pharmacology lab: Pharmacology practical

Community Medicine SGD:

Forensic Medicine SGD: Basic concepts of forensic medicine



Medical Education Department

Theme: General Microbiology

Week 2 (6st January 2020)

WEEK 2 (0	z (o January 2020)					
Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday	
08:30-10:30		(Clinical Rotations – Surge	ry		
10:35-11:30	Lecture: Cephalosporin and mono bacterium Venue: Lecture hall 1	Lecture: Tetracycline Venue: Lecture hall 1	Lecture: Concept of the health and disease Venue: Lecture hall 1	Lecture: Macrolides Venue: Lecture hall 1	Lecture: Law, Law courts & Evidence in courts Venue: Lecture hall 1	
11:35-12:35	Lecture: Non-essential structures of bacteria Venue: Lecture hall 1	Lecture: Bacterial growth and multiplication Venue: Lecture hall 1	Lecture: Bacterial genetics Venue: Lecture hall 1	Lecture: Pathogenesis of bacterial diseases Venue: Lecture hall 1	Lecture: Bacterial toxins Venue: Lecture hall 1	
12:36-01:10			Lunch/ Prayer Break			
01:15-03:00	Group D: Community Medicine lab Group E: Pathology lab	Group D: Forensic Medicine lab Group E: Community Medicine lab	Group D: Pharmacology SGD – Pharma lab Group E: Forensic Medicine lab	Group D: Pathology SGD – Micro lab Group E: Pharmacology SGD – Pharma lab	Group D: Pathology lab Group E: Pathology SGD – Micro	

Pathology SGD: Bacterial arrangement and morphology, cell wall and its functions

Pathology lab: Sterilization

Pharmacology lab: Pharmacology practical

Community Medicine SGD:

Forensic Medicine SGD: Basic concepts of forensic medicine



Medical Education Department

Week 3 (13th January 2020)

Theme: Staphylococci & Streptococci

Week/Time	Monday	Monday Tuesday Wednesday Thurs		Thursday	Friday				
08:30-10:30	Clinical Rotations – Medicine								
10:35-11:30	Lecture: Classification of bacteria Venue: Lecture hall 2	Lecture: Staphylococci Venue: Lecture hall 2	Lecture: Streptococci Venue: Lecture hall 2	Lecture: Streptococci continued Venue: Lecture hall 2	Lecture: Gram negative cocci Venue: Lecture hall 2				
11:35-12:35	Lecture: Chloramphenicol Venue: Lecture hall 2	Lecture: Aminoglycosides Venue: Lecture hall 2	Lecture: Health system Venue: Lecture hall 2	Lecture: Sulfonamides & Trimethoprim Venue: Lecture hall 2	Lecture: Personal identity Venue: Lecture hall 2				
12:36-01:10			Lunch/ Prayer Break						
01:15-03:00	Group A: Pathology SGD – Micro lab Group B: Pharmacology SGD – Pharma lab Group C: Forensic Medicine lab	Group A: Pathology lab Group B: Pathology SGD – Micro lab Group C: Pharmacology SGD – Pharma lab	Group A: Community Medicine lab Group B: Pathology lab Group C: Pathology SGD – Micro lab	Group A: Forensic Medicine lab Group B: Community Medicine lab Group C: Pathology lab	Group A: Pharmacology SGD – Pharma lab Group B: Forensic Medicine lab Group C: Community Medicine lab				

Pathology SGD: Non-essential structures, Bacterial growth, genetics and toxins **Pathology lab:** Collection of specimen, isolation and identification of bacteria

Pharmacology SGD: Cell wall inhibitors

Community Medicine SGD:

Forensic Medicine SGD: Law, law courts and evidences in court



Medical Education Department

Week 3 (13th January 2020)

Theme: Staphylococci & Streptococci

Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday				
08:30-10:30	Clinical Rotations – Surgery								
10:35-11:30	Lecture: Chloramphenicol Venue: Lecture hall 1	Lecture: Aminoglycosides Venue: Lecture hall 1	Lecture: Health system Venue: Lecture hall 1	Lecture: Sulfonamides & Trimethoprim Venue: Lecture hall 1	Lecture: Personal identity Venue: Lecture hall 1				
11:35-12:35	Lecture: Classification of bacteria Venue: Lecture hall 1	Lecture: Staphylococci Venue: Lecture hall 1	Lecture: Streptococci Venue: Lecture hall 1	Lecture: Streptococci continued Venue: Lecture hall 1	Lecture: Gram negative cocci Venue: Lecture hall 1				
12:36-01:10			Lunch/ Prayer Break						
01:15-03:00	Group D: Community Medicine lab Group E: Pathology lab	Group D: Forensic Medicine lab Group E: Community Medicine lab	Group D: Pharmacology SGD – Pharma lab Group E: Forensic Medicine lab	Group D: Pathology SGD – Micro lab Group E: Pharmacology SGD – Pharma lab	Group D: Pathology lab Group E: Pathology SGD – Micro lab				

Pathology SGD: Non-essential structures, Bacterial growth, genetics and toxins **Pathology lab:** Collection of specimen, isolation and identification of bacteria

Pharmacology SGD: Cell wall inhibitors

Community Medicine SGD:

Forensic Medicine SGD: Law, law courts and evidences in court



Medical Education Department

Theme: Bacilli

Week 4 (20th January 2020)

Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday				
08:30-10:30	Clinical Rotations – Medicine								
10:35-11:30	Lecture: Non-spore forming Gram positive bacilli Venue: Lecture hall 2	Lecture: Spore forming Gram positive bacilli Venue: Lecture hall 2	Lecture: Gram negative bacilli Venue: Lecture hall 2	Lecture: Gram negative bacilli Venue: Lecture hall 2	Lecture: Mycobacteria Venue: Lecture hall 2				
11:35-12:35	Lecture: Fluoroquinolones Venue: Lecture hall 2	Lecture: Anti-tuberculosis drugs: First line therapy Venue: Lecture hall 2	Lecture: Introduction to Epidemiology Venue: Lecture hall 2	Lecture: Anti-tuberculosis drugs: First line therapy continued Venue: Lecture hall 2	Lecture: Serology Venue: Lecture hall 1				
12:36-01:10			Lunch/ Prayer Break						
01:15-03:00	Group A: Pathology SGD – Micro lab Group B: Pharmacology SGD – Pharma lab Group C: Forensic Medicine lab	Group A: Pathology lab Group B: Pathology SGD – Micro lab Group C: Pharmacology SGD – Pharma lab	Group A: Community Medicine lab Group B: Pathology lab Group C: Pathology SGD – Micro lab	Group A: Forensic Medicine lab Group B: Community Medicine lab Group C: Pathology lab	Group A: Pharmacology SGD – Pharma lab Group B: Forensic Medicine lab Group C: Community Medicine lab				

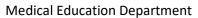
Pathology SGD: Gram positive and gram-negative cocci

Pathology lab: Gram staining

Pharmacology SGD: Protein synthesis inhibitors

Community Medicine SGD:

Forensic Medicine SGD: Personal identity



Theme: Bacilli



Module 10: Underpinnings of Medical Practice 2

Week 4 (20th January 2020)

	Week 4 (20 January 2020)								
Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday				
08:30-10:30	Clinical Rotations – Surgery								
10:35-11:30	Lecture: Fluoroquinolones Venue: Lecture hall 1	Lecture: Anti-tuberculosis drugs: First line therapy Venue: Lecture hall 1	Lecture: Introduction to Epidemiology Venue: Lecture hall 1	Lecture: Anti-tuberculosis drugs: First line therapy continued Venue: Lecture hall 1	Lecture: Serology Venue: Lecture hall 1				
11:35-12:35	Lecture: Non-spore forming Gram positive bacilli Venue: Lecture hall 1	Lecture: Spore forming Gram positive bacilli Venue: Lecture hall 1	Lecture: Gram negative bacilli Venue: Lecture hall 1	Lecture: Gram negative bacilli Venue: Lecture hall 1	Lecture: Mycobacteria Venue: Lecture hall 1				
12:36-01:10			Lunch/ Prayer Break						
01:15-03:00	Group D: Community Medicine lab Group E: Pathology lab	Group D: Forensic Medicine lab Group E: Community Medicine lab	Group D: Pharmacology SGD – Pharma lab Group E: Forensic Medicine lab	Group D: Pathology SGD – Micro lab Group E: Pharmacology SGD – Pharma lab	Group D: Pathology lab Group E: Pathology SGD – Micro lab				

Pathology SGD: Gram positive and gram-negative cocci

Pathology lab: Gram staining

Pharmacology SGD: Protein synthesis inhibitors

Community Medicine SGD:

Forensic Medicine SGD: Personal identity



Week 5 (27th January 2019)

Theme: Mycobacteria and other species

Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday				
08:30-10:30	Clinical Rotations – Medicine								
10:35-11:30	Lecture: Mycobacteria continued Venue: Lecture hall 2	Lecture: Spirochetes Venue: Lecture hall 2	Lecture: Mycoplasma, Rickettsia & Chlamydia Venue: Lecture hall 2	Lecture: Introduction to Parasitology & classification of parasites Venue: Lecture hall 2	Lecture: Entamoeba histolytica & Amebiasis Venue: Lecture hall 2				
11:35-12:35			Lecture: Burden of disease Venue: Lecture hall 2	Lecture: Antimalarial drugs – Primaquine, Artemether and other drugs Venue: Lecture hall 2	Lecture: Brain finger printing, FISH test, DNA profiling Venue: Lecture hall 2				
12:36-01:10			Lunch/ Prayer Break						
01:15-03:00	Group A: Pathology SGD – Micro lab Group B: Pharmacology SGD – Pharma lab Group C: Forensic Medicine lab	Group A: Pathology lab Group B: Pathology SGD – Micro lab Group C: Pharmacology SGD – Pharma lab	Group A: Community Medicine lab Group B: Pathology lab Group C: Pathology SGD – Micro lab	Group A: Forensic Medicine lab Group B: Community Medicine lab Group C: Pathology lab	Group A: Pharmacology SGD – Pharma lab Group B: Forensic Medicine lab Group C: Community Medicine lab				

Pathology SGD: Gram positive & Gram-negative bacilli

Pathology lab: Ziehl Neelsen staining

Pharmacology SGD: Anti-folate drugs and anti-tuberculosis drugs

Community Medicine SGD:

Forensic Medicine lab: demonstration of polygraph test



Week 5 (27th January 2019)

Theme: Mycobacteria and other species

Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday				
08:30-10:30	Clinical Rotations – Surgery								
10:35-11:30	Lecture: Anti-tuberculosis drugs: Second line therapy Venue: Lecture hall 1	Lecture: Antimalarial drugs - Chloroquine Venue: Lecture hall 1	Lecture: Burden of disease Venue: Lecture hall 1	Lecture: Antimalarial drugs – Primaquine, Artemether and other drugs Venue: Lecture hall 1	Lecture: Brain finger printing, FISH test, DNA profiling Venue: Lecture hall 1				
11:35-12:35	Lecture: Mycobacteria continued Venue: Lecture hall 1	Lecture: Spirochetes Venue: Lecture hall 1	Lecture: Mycoplasma, Rickettsia & Chlamydia Venue: Lecture hall 1	Lecture: Introduction to Parasitology & classification of parasites Venue: Lecture hall 1	Lecture: Entamoeba histolytica & Amebiasis Venue: Lecture hall 1				
12:36-01:10			Lunch/ Prayer Break						
01:15-03:00	Group D: Community Medicine lab Group E: Pathology lab	Group D: Forensic Medicine lab Group E: Community Medicine lab	Group D: Pharmacology SGD – Pharma lab Group E: Forensic Medicine lab	Group D: Pathology SGD – Micro lab Group E: Pharmacology SGD – Pharma lab	Group D: Pathology lab Group E: Pathology SGD – Micro lab				

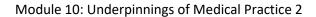
Pathology SGD: Gram positive & Gram-negative bacilli

Pathology lab: Ziehl Neelsen staining

Pharmacology SGD: Anti-folate drugs and anti-tuberculosis drugs

Community Medicine SGD:

Forensic Medicine lab: demonstration of polygraph test





Week 6 (3rd February 2020)

Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:30-10:30	30 Clinical Rotations – Medicine			Clinical Rotat	ions – Medicine	Group A: Pharmacology SGD — Pharma lab Group B: Forensic Medicine lab Group C: Community Medicine lab
10:35-11:30	Lecture: Haemoflagellates Venue: Lecture hall 2	Lecture: Urogenital & intestinal flagellates Venue: Lecture hall 2	ashmir Day	Lecture: Sporozoa: Plasmodium Venue: Lecture hall 2	Lecture: Sporozoa: Plasmodium & Toxoplasmosis Venue: Lecture hall 2	Lecture: Metazoa: Cestodes Venue: Lecture hall 2
11:35-12:35	Lecture: Antimalarial drugs – Metronidazole Venue: Lecture hall 2	Lecture: Antifungal drugs Venue: Lecture hall 2	Public Holiday: Kashmir Day	Lecture: Chain of transmission and web of causation Venue: Lecture hall 2	Lecture: Anti-viral Venue: Lecture hall 2	Lecture: Medical Ethics and Professional misconduct Venue: Lecture hall 2
12:36-01:10	Lunch/ Pr	ayer Break	Publ			
01:15-03:00	Group A: Pathology SGD – Micro lab Group B: Pharmacology SGD – Pharma lab Group C: Forensic Medicine lab	Group A: Pathology lab Group B: Pathology SGD – Micro lab Group C: Pharmacology SGD – Pharma lab		Group A: Community Medicine lab Group B: Pathology lab Group C: Pathology SGD – Micro lab	Group A: Forensic Medicine lab Group B: Community Medicine lab Group C: Pathology lab	

Pathology SGD: Mycobacterium, Spirochetes, Mycoplasma and Rickettsia

Pathology lab: Culture media

Pharmacology SGD: Antituberculosis drugs & antimalarial drugs + Metronidazole

Community Medicine SGD:

Forensic Medicine Lab: Practical performance of Hess's rule- Dactylography

Theme: Flagellates & Sporozoa

Week 6 (3rd February 2020)

Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08:30-10:30	Clinical Rotations – Surgery			Clinical Rota	itions – Surgery	Group D: Pathology lab Group E: Pathology SGD – Micro lab
10:35-11:30	Lecture: Antimalarial drugs – Metronidazole Venue: Lecture hall 1	Lecture: Antifungal drugs Venue: Lecture hall 1	Kashmir Day	Lecture: Chain of transmission and web of causation Venue: Lecture hall 1	Lecture: Anti-viral Venue: Lecture hall 1	Lecture: Medical Ethics and Professional misconduct Venue: Lecture hall 1
11:35-12:35	Lecture: Haemoflagellates Venue: Lecture hall 1	Lecture: Urogenital & intestinal flagellates Venue: Lecture hall 1	Public Holiday:	Lecture: Sporozoa: Plasmodium Venue: Lecture hall 1	Lecture: Sporozoa: Plasmodium & Toxoplasmosis Venue: Lecture hall 1	Lecture: Metazoa: Cestodes Venue: Lecture hall 1
12:36-01:10	Lunch/ Pr	ayer Break	Puk			
01:15-03:00	Group D: Community Medicine lab Group E: Pathology lab	Group D: Forensic Medicine lab Group E: Community Medicine lab		Group D: Pharmacology SGD – Pharma lab Group E: Forensic Medicine lab	Group D: Pathology SGD – Micro lab Group E: Pharmacology SGD – Pharma lab	

Pathology SGD: Mycobacterium, Spirochetes, Mycoplasma and Rickettsia

Pathology lab: Culture media

Pharmacology SGD: Antituberculosis drugs & antimalarial drugs + Metronidazole

Community Medicine SGD:

Forensic Medicine Lab: Practical performance of Hess's rule- Dactylography

Theme: Flagellates & Sporozoa



Medical Education Department

Theme: Metazoa & Fungi

Week 7 (10st February 2020)

week / (10° February 2020)				Theme: Metazoa & Fungi
Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30-10:30		Cl	inical Rotations – Medici	ne	
10:35-11:30	Lecture: Metazoa: Trematodes Venue: Lecture hall 2	Lecture: Metazoa: Intestinal Nematodes Venue: Lecture hall 2	Lecture: Metazoa: Tissue Nematodes Venue: Lecture hall 2	Lecture: Fungi & fungal diseases Venue: Lecture hall 2	Lecture: General characteristics & structure of virus, replication & pathogenesis Venue: Lecture hall 2
11:35-12:35	Lecture: Anti-Helminthic Venue: Lecture hall 2	Lecture: Disinfectants and antiseptics Venue: Lecture hall 2	Lecture: Levels of prevention Venue: Lecture hall 2	Lecture: Anti-cancer drugs Venue: Lecture hall 2	Lecture: Introduction to toxicology, classification & management of poisons Venue: Lecture hall 1
12:36-01:10			Lunch/ Prayer Break	•	
01:15-03:00	Group A: Pathology SGD – Micro lab Group B: Pharmacology SGD – Pharma lab Group C: Forensic Medicine lab	Group A: Pathology lab Group B: Pathology SGD – Micro lab Group C: Pharmacology SGD – Pharma lab	Group A: Community Medicine lab Group B: Pathology lab Group C: Pathology SGD – Micro lab	Group A: Forensic Medicine lab Group B: Community Medicine lab Group C: Pathology lab	Group A: Pharmacology SGD – Pharma lab Group B: Forensic Medicine lab Group C: Community Medicine lab

Pathology SGD: Amoebiasis, flagellates and plasmodium

Pathology lab: Culture media continued... Pharmacology SGD: Anti-malarial drugs

Community Medicine SGD:

Forensic Medicine SGD: Medical ethics and professional misconduct



Medical Education Department

Week 7 (10st February 2020)

Theme: Metazoa & Fungi Week/Time **Tuesday** Wednesday **Thursday** Monday Friday **Clinical Rotations – Surgery** 08:30-10:30 **Lecture:** Anti-Helminthic Lecture: Disinfectants and **Lecture:** Levels of prevention **Lecture:** Anti-cancer drugs **Lecture:** Introduction to Venue: Lecture hall 1 Venue: Lecture hall 1 Venue: Lecture hall 1 toxicology, classification & antiseptics Venue: Lecture hall 1 management of poisons 10:35-11:30 Venue: Lecture hall 1 **Lecture:** Metazoa: Lecture: Metazoa: Intestinal Lecture: Metazoa: Tissue **Lecture:** Fungi & fungal **Lecture:** General characteristics & structure of Trematodes Nematodes Nematodes diseases 11:35-12:35 Venue: Lecture hall 1 Venue: Lecture hall 1 Venue: Lecture hall 1 Venue: Lecture hall 1 virus, replication & pathogenesis Venue: Lecture hall 1 **Lunch/ Prayer Break** 12:36-01:10 **Group D:** Community Medicine **Group D:** Forensic Medicine lab Group D: Pharmacology SGD -Group D: Pathology SGD -**Group D:** Pathology lab lab Group E: Community Medicine Pharma lab Micro lab **Group E:** Pathology SGD – Micro Group E: Pharmacology SGD -Group E: Pathology lab lab **Group E:** Forensic Medicine lab lab 01:15-03:00 Pharma lab

Pathology SGD: Amoebiasis, flagellates and plasmodium

Pathology lab: Culture media continued... **Pharmacology SGD:** Anti-malarial drugs

Community Medicine SGD:

Forensic Medicine SGD: Medical ethics and professional misconduct



Group: A, B, C, D & E

Week 8 (17 th	^h February 2020)				Assessment Week
Week/Time	Monday	Tuesday	Wednesday	Thursday	Friday
08:30-10:30					
10:40-11:40					
11:45-12:45		Theory & Practical Pathology & Pharmacology	Theory & Practical Forensic Medicine & Community Medicine	Module 11: Cardio	respiratory diseases
12:50-01:10			,		
01:15-03:00					