

DEPARTMENT OF PHYSIOLOGY
RAWALPINDI MEDICAL UNIVERSITY
RAWALPINDI.
Academic Calendar Second Year MBBS Class
2017-2018

DEPARTMENT OF PHYSIOLOGY
RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI.

Academic Calendar Second Year MBBS Class 2017-2018

November-December 2017

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
1	11/23/2017	Wednesday	EVEN	GIT	<ul style="list-style-type: none"> • Introduction to gastrointestinal system • Blood flow to GIT • Portal circulation regulation of GIT • GIT functions (Intrinsic plexus) • Postprandial hyperemia 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Introduction & parts of eye and its anatomy 	Dr. Uzma
2	11/24/2017	Thursday	EVEN	EYE	<ul style="list-style-type: none"> • Introduction & parts of eye and its anatomy 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Introduction to gastrointestinal system • Blood flow to GIT • Portal circulation regulation of GIT • GIT functions (Intrinsic plexus) • Postprandial hyperemia 	Dr. Aneela
3	25-112017	Friday	EVEN	GIT	<ul style="list-style-type: none"> • Extrinsic regulation • Hormonal regulation of gastrointestinal function + GIT reflexes 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Carities & chambers of eyes • Aquous & vitrous humor 	Dr. Uzma
4	11/26/2017	Saturday	EVEN	EYE	<ul style="list-style-type: none"> • Carities & chambers of eyes • Aquous & vitrous humor 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Extrinsic regulation • Hormonal regulation of gastrointestinal function + GIT reflexes 	Dr. Aneela

5	11/28/2017	Monday	EVEN	GIT	<ul style="list-style-type: none"> • Smooth muscle autonaticity • Electrical activity pattern in gastrointestinal tract • Migrating motor complex 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Conjunctiontis • Optics of vision • Tears 	Dr. Uzma
6	29-112017	Tuesday	EVEN	EYE	<ul style="list-style-type: none"> • Conjunctiontis • Optics of vision • Tears 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Smooth muscle autonaticity • Electrical activity pattern in gastrointestinal tract • Migrating motor complex 	Dr. Aneela
7	11/30/2017	Wednesday	EVEN	GIT	<ul style="list-style-type: none"> • Functional movements of GIT • Mastication / chewing 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Errors of refraction • Myopia • Hypermetropia 	Dr. Uzma
8	12/1/2017	Thursday	EVEN	EYE	<ul style="list-style-type: none"> • Errors of refraction • Myopia • Hypermetropia 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Functional movements of GIT • Mastication / chewing 	Dr. Aneela
9	12/2/2017	Friday	EVEN	GIT	<ul style="list-style-type: none"> • Swallowing-three stages • Lower esophageal splincter 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Lens • Cataract & Astigmatism 	Dr. Uzma
10	12/3/2017	Saturday	EVEN	EYE	<ul style="list-style-type: none"> • Lens • Cataract & Astigmatism 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Swallowing-three stages • Lower esophageal splincter 	Dr. Aneela
11	12/5/2017	Monday	EVEN	GIT	<ul style="list-style-type: none"> • Disorder of esophages • Achlasia • GERD • Dysphagia • Stomach introduction 	Dr. Aneela

					<ul style="list-style-type: none"> Storage function of stomach (role of receptive relaxation in proximal stomach) 	
			ODD	EYE	<ul style="list-style-type: none"> Visual field Visual acuity IOP glaucoma 	Dr. Uzma
12	12/6/2017	Tuesday	EVEN	EYE	<ul style="list-style-type: none"> Visual field Visual acuity IOP glaucoma 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> Disorder of esophages Achlasia GERD Dysphagia Stomach introduction Storage function of stomach (role of receptive relaxation in proximal stomach) 	Dr. Aneela
13	12/7/2017	Wednesday	EVEN	GIT	<ul style="list-style-type: none"> Motor function of stomach Mixing gastric emptying Factor affecting gastric emptying 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> Layers of retina Dark current Night blindness 	Dr. Uzma
14	12/8/2017	Thursday	EVEN	EYE	<ul style="list-style-type: none"> Layers of retina Dark current Night blindness 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> Motor function of stomach Mixing gastric emptying Factor affecting gastric emptying 	Dr. Aneela
15	12/9/2017	Friday	EVEN	GIT	<ul style="list-style-type: none"> Small intestinal motility Segmentation contraction propulsive movement Role of muscularis mucosa in small intestinal motility Ileocecal valve 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> Eye muscle their nerve supply Eye movements 	Dr. Uzma
16	12/10/2017	Saturday	EVEN	EYE	<ul style="list-style-type: none"> Eye muscle their nerve supply Eye movements 	Dr. Uzma

			ODD	GIT	<ul style="list-style-type: none"> • Small intestinal motility • Segmentation contraction propulsive movement • Role of muscularis mucosa in small intestinal motility • Ileocecal valve 	Dr. Aneela
17	12/12/2017	Monday	EVEN	GIT	<ul style="list-style-type: none"> • Large gut motility • Defecation reflexes (intrinsic myenteric, parasympathetic, other) 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Visual cortex cells • Color vision 	Dr. Uzma
18	12/13/2017	Tuesday	EVEN	EYE	<ul style="list-style-type: none"> • Visual cortex cells • Color vision 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Large gut motility • Defecation reflexes (intrinsic myenteric, parasympathetic, other) 	Dr. Aneela
19	12/14/2017	Wednesday	EVEN	GIT	<ul style="list-style-type: none"> • Salivaey secretion and its regulation disorders of stomach 	Dr. Aneela
			ODD	EYE	<ul style="list-style-type: none"> • Visual pathway & abnormalities 	Dr. Uzma
20	12/15/2017	Thursday	EVEN	EYE	<ul style="list-style-type: none"> • Visual pathway & abnormalities 	Dr. Uzma
			ODD	GIT	<ul style="list-style-type: none"> • Salivaey secretion and its regulation disorders of stomach 	Dr. Aneela
21	12/16/2017	Friday	EVEN	GIT	<ul style="list-style-type: none"> • Gastric secretions and regulation of gastric secretion • Phases of gastric juice production 	Dr. Aneela
			ODD	CHEMICAL SENSES	<ul style="list-style-type: none"> • Introduction to sense of taste • Sensory organ for taste • Basic taste modalities • Papillae • Transduction and receptor potential 	Dr. Moosa
22	12/17/2017	Saturday	EVEN	CHEMICAL SENSES	<ul style="list-style-type: none"> • Introduction to sense of taste • Sensory organ for taste • Basic taste modalities • Papillae • Transduction and receptor potential 	Dr. Moosa
			ODD	GIT	<ul style="list-style-type: none"> • Gastric secretions and regulation of gastric secretion 	Dr. Aneela

					<ul style="list-style-type: none"> • Phases of gastric juice production 	
23	12/19/2017	Monday	EVEN	GIT	<ul style="list-style-type: none"> • Liver function 	Dr. Aneela
			ODD	CHEMICAL SENSES	<ul style="list-style-type: none"> • Taste pathway • Taste threshold • Relative induces • Taste buildness • Action potential in fente receptors • Taste disorders • Fuldraction to sense of smell olfactory epithelium 	Dr. Moosa
24	12/20/2017	Tuesday	EVEN	CHEMICAL SENSES	<ul style="list-style-type: none"> • Taste pathway • Taste threshold • Relative induces • Taste buildness • Action potential in fente receptors • Taste disorders • Fuldraction to sense of smell olfactory epithelium 	Dr. Moosa
			ODD	GIT	<ul style="list-style-type: none"> • Liver function 	Dr. Aneela
25	12/21/2017	Wednesday	EVEN	GIT	<ul style="list-style-type: none"> • Pancreatic secretions • Biliary secretion • Intestinal juice secretion 	Dr. Aneela
			ODD	CHEMICAL SENSES	<ul style="list-style-type: none"> • Olfactory cells • Olfactory cilia • Receptor plactin • RMP and action potential primary sense of smell • Order bliudness • Threshold for olfaction credation • Olfactory pathways and disorders of olfactors 	Dr. Moosa
26	12/22/2017	Thursday	EVEN	CHEMICAL SENSES	<ul style="list-style-type: none"> • Olfactory cells • Olfactory cilia • Receptor plactin 	Dr. Moosa

					<ul style="list-style-type: none"> • RMP and action potential primary sense of smell • Order bliudness • Threshold for olfaction credation • Olfactory pathways and disorders of olfactors 	
			ODD	GIT	<ul style="list-style-type: none"> • Pancreatic secretions • Biliary secretion • Intestinal juice secretion 	Dr. Aneela
			EVEN	GIT	<ul style="list-style-type: none"> • Intestinal phase of digestion • Absorption intestinal disorder • Maleabsorption • Pyralitic ilun • Intestinal obstruction 	Dr. Aneela
27	12/23/2017	Friday	ODD	CHEMICAL SENSES	<i>REPEAT</i>	Dr. Moosa
			EVEN	CHEMICAL SENSES	<i>REPEAT</i>	Dr. Moosa
			ODD	GIT	<ul style="list-style-type: none"> • Intestinal phase of digestion • Absorption intestinal disorder • Maleabsorption • Pyralitic ilun • Intestinal obstruction 	Dr. Aneela
28	12/24/2017	Saturday				
29	WINTER VACATION (26-12-2017 TO 31-12-2017)					

Jan-18

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
			EVEN	GIT	<ul style="list-style-type: none"> • Gastrointestinal hormone • Liver function test • Physiology of vomiting 	Dr. Aneela
33	1/2/2018	Monday	ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Introduction to CNS & Sensory • Classification of nerve fibers & their distintot properties 	Dr. Samia
34	1/3/2018	Tuesday	EVEN	Sensory Nervous	<ul style="list-style-type: none"> • Introduction to CNS & Sensory 	Dr. Samia

				System	<ul style="list-style-type: none"> • Classification of nerve fibers & their distinct properties 	
			ODD	GIT	<ul style="list-style-type: none"> • Gastrointestinal hormone • Liver function test • Physiology of vomiting 	Dr. Aneela
			EVEN	GIT	<ul style="list-style-type: none"> • Gastrointestinal hormone • Liver function test • Physiology of vomiting 	Dr. Aneela
35	1/4/2018	Wednesday	ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Synapse function & types 	Dr. Samia
			EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Synapse function & types 	
36	1/5/2018	Thursday	ODD	GIT	<ul style="list-style-type: none"> • Gastrointestinal hormone • Liver function test • Physiology of vomiting 	Dr. Aneela
			EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Presynaptic terminal • MOA of NT • ESP/IPSP 	Dr. Samia
37	1/6/2018	Friday	ODD	Body Fluid	<ul style="list-style-type: none"> • Introduction of body fluids 	Dr. Fareed
			EVEN	Body Fluid	<ul style="list-style-type: none"> • Introduction of body fluids 	Dr. Fareed
38	1/7/2018	Saturday	ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Presynaptic terminal • MOA of NT • ESP/IPSP 	Dr. Samia
			EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Neurotransmitter • Modulators • Dale law • Delay summation 	Dr. Samia
39	1/9/2018	Monday	ODD	Body Fluid	<ul style="list-style-type: none"> • Isotonic, hypertonic and hypotonic fluids • Measurement of different fluid • Compartment volume • Mass principle 	Dr. Samia

40	1/10/2018	Tuesday	EVEN	Body Fluid	<ul style="list-style-type: none"> • Isotonic, hypertonic and hypotonic fluids • Measurement of different fluid • Compartment volume • Mass principle 	Dr. Fareed
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Neurotransmitter • Modulators • Dale law • Delay summation 	Dr. Samia
41	1/11/2018	Wednesday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Conce divisor Occlusion Facilitation • Subliminal • Subceptibiltion fatigue • Plasticity 	Dr. Samia
			ODD	Body Fluid	<ul style="list-style-type: none"> • Causes of oedema formation • Safety factory • Supplements for body fluid • Deficiency 	Dr. Fareed
42	1/12/2018	Thursday	EVEN	Body Fluid	<ul style="list-style-type: none"> • Causes of oedema formation • Safety factory • Supplements for body fluid • Deficiency 	Dr. Fareed
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Conce divisor Occlusion Facilitation • Subliminal • Subceptibiltion fatigue • Plasticity 	Dr. Samia
43	1/13/2018	Friday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Inhibition • Prolongation • Sopersensitivity elec. Vs chemical synapse 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Introduction to renal system • Functions of kidney 	Dr. Shymla
44	1/14/2018	Saturday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • Introduction to renal system 	Dr. Shymla

					<ul style="list-style-type: none"> • Functions of kidney 	
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Inhibition • Prolongation • Sopersensitivity elec. Vs chemical synapse 	Dr. Samia
45	1/16/2018	Monday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Classification of senses • Receptors • General pot. (Diff Graded and AOT Pot.) • Diff sensitivity muller projection 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Nephron function • Blood supply types 	Dr. Shymla
46	1/17/2018	Tuesday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • Nephron function • Blood supply types 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Classification of senses • Receptors • General pot. (Diff Graded and AOT Pot.) • Diff sensitivity muller projection 	Dr. Samia
47	1/18/2018	Wednesday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Intensity discrimination (Weber power) • Adaption releaptive field 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • JGA • TM nephron • Colical basic renal function 	Dr. Shymla
48	1/19/2018	Thursday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • JGA • TM nephron • Colical basic renal function 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Intensity discrimination (Weber power) • Adaption releaptive field 	Dr. Samia
49	1/20/2018	Friday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Neuroanatomy (Nomenclatre) Ganglia, Nuclei • White gray 	Dr. Samia

			ODD	Renal Physiology	<ul style="list-style-type: none"> GFR measurement definition caleuldum 	Dr. Shymla
50	1/21/2018	Saturday	EVEN	Renal Physiology	<ul style="list-style-type: none"> GFR measurement definition caleuldum 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> Neuroanatomy (Nomenclatre) Ganglia, Nuclei White gray 	Dr. Samia
51	1/23/2018	Monday	CLASS TEST			
	1/24/2018	Tuesday				
	1/25/2018	Wednesday				
52	1/26/2018	Thursday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> Mesencephalon cerebellum spinal cord Ventricles RAS coronoma radam 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> Regulation Autoregulation tailor affecting 	Dr. Shymla
53	1/27/2018	Friday	EVEN	Renal Physiology	<ul style="list-style-type: none"> Regulation Autoregulation tailor affecting 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> Mesencephalon cerebellum spinal cord Ventricles RAS coronoma radam 	Dr. Samia
54	1/28/2018	Saturday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> Cutaneous receptors (type location) Properties Modality fibe Pure synthetic Fee nerve ending 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> Clearance concept of GFR Calculation RPF atc 	Dr. Shymla
55	1/30/2018	Monday	EVEN	Renal Physiology	<ul style="list-style-type: none"> Clearance concept of GFR Calculation RPF atc 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> Cutaneous receptors (type location) Properties Modality fibe Pure synthetic 	Dr. Samia

					<ul style="list-style-type: none"> • Fee nerve ending 	
56	1/31/2018	Tuesday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • DCMLS 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Clearance of PAH glucose • GT balance RPF 	
57	1/31/2018	Tuesday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • Clearance of PAH glucose • GT balance RPF 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • DCMLS 	Dr. Samia
58	2/1/2018	Wednesday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Collaterals of demcs • Misc tracts • Collaterals of demls • Cortical mapping S1,2 Association 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Mictuation feflex 	Dr. Shymla
59	2/2/2018	Thursday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • Mictuation feflex 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Collaterals of demcs • Misc tracts • Collaterals of demls • Cortical mapping S1,2 Association 	Dr. Samia

Feb-18

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
60	2/3/2018	Friday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Layer of cortex • Input / outputs • Effects of ablation 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • GT balance and RFT tubular processing 	Dr. Shymla
61	2/4/2018	Saturday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • GT balance and RFT tubular processing 	Dr. Shymla
			ODD	Sensory Nervous	<ul style="list-style-type: none"> • Layer of cortex • Input / outputs 	Dr. Samia

				System	<ul style="list-style-type: none"> • Effects of ablation 	
62	2/6/2018	Monday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Lesion of S1 and S2, Association areas 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • PCT comparison of PCT, DCT, LOH, TM 	Dr. Shymla
63	2/7/2018	Tuesday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • PCT comparison of PCT, DCT, LOH, TM 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Lesion of S1 and S2, Association areas 	Dr. Samia
64	2/8/2018	Wednesday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Sensory deficits 	Dr. Samia
			ODD	Renal Physiology	<ul style="list-style-type: none"> • TM, renal threshold, tubular procmy 	Dr. Shymla
65	2/9/2018	Thursday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • TM, renal threshold, tubular procmy 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Sensory deficits 	Dr. Samia
66	2/10/2018	Friday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Hemi-section • Pain • Deficiency of recelptor • Muscle ischemic • Inflammation pain 	Dr. Kamil
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Na+, H2O, PCT, 	Dr. Shymla
67	2/11/2018	Saturday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • Na+, H2O, PCT, 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> • Hemi-section • Pain • Deficiency of recelptor • Muscle ischemic • Inflammation pain 	Dr. Kamil
68	2/13/2018	Monday	EVEN	Sensory Nervous System	<ul style="list-style-type: none"> • Non-adaptation • Hypopalgesia • Coasalbia • Fast slow pain 	Dr. Naeem

			ODD	Renal Physiology	<ul style="list-style-type: none"> Counter current mechanism 	Dr. Shymla
			EVEN	Renal Physiology	<ul style="list-style-type: none"> Counter current mechanism 	Dr. Shymla
69	2/14/2018	Tuesday	ODD	Sensory Nervous System	<ul style="list-style-type: none"> Non-adaptation Hypopalgesia Coasalbia Fast slow pain 	Dr. Kamil
			EVEN	Sensory Nervous System	<ul style="list-style-type: none"> Visceral pain Referred pain Radiation Headache pain j 	Dr. Kamil
70	2/15/2018	Wednesday	ODD	Renal Physiology	<ul style="list-style-type: none"> Counter current full water calcium Osmo calcium 	Dr. Shymla
			EVEN	Renal Physiology	<ul style="list-style-type: none"> Counter current full water calcium Osmo calcium 	Dr. Shymla
71	2/16/2018	Thursday	ODD	Sensory Nervous System	<ul style="list-style-type: none"> Visceral pain Referred pain Radiation Headache pain j 	Dr. Kamil
			EVEN	Sensory Nervous System	<ul style="list-style-type: none"> Pain modulation Gate control Surgical Acupuncture Stress analessia Endo genodus 	Dr. Kamil
72	2/17/2018	Friday	ODD	Renal Physiology	<ul style="list-style-type: none"> Thirst osmoregulation Noleui regulation etc 	Dr. Shymla
			EVEN	Renal Physiology	<ul style="list-style-type: none"> Thirst osmoregulation Noleui regulation etc 	Dr. Shymla
73	2/18/2018	Saturday	ODD	Sensory Nervous System	<ul style="list-style-type: none"> Pain modulation Gate control Surgical Acupuncture Stress analessia Endo genodus 	Dr. Kamil
74	2/20/2018	Monday	EVEN	Sensory	<ul style="list-style-type: none"> Thermo receptor 	Dr. Samia

				Nervous System	properties	
			ODD	Renal Physiology	<ul style="list-style-type: none"> Thermoregulatory Acid-base regulation PH buffer 	Dr. Shymla
75	2/21/2018	Tuesday	EVEN	Renal Physiology	<ul style="list-style-type: none"> Acid-base regulation PH buffer 	Dr. Shymla
			ODD	Sensory Nervous System	<ul style="list-style-type: none"> Thermo receptor properties Thermoregulatory 	Dr. Samia
76	2/22/2018	Wednesday	EVEN	Renal Physiology	<ul style="list-style-type: none"> Acid base, ABG cause types 	Dr. Shymla
			ODD	Motor System	<ul style="list-style-type: none"> Introduction to autonomic nervous system. Anatomic consideration Autonomic neurotransmitters 	Dr. Inam
77	2/23/2018	Thursday	EVEN	Motor System	<ul style="list-style-type: none"> Introduction to autonomic nervous system. Anatomic consideration Autonomic neurotransmitters 	Dr. Inam
			ODD	Renal Physiology	<ul style="list-style-type: none"> Acid base, ABG cause types 	Dr. Shymla
78	2/24/2018	Friday	EVEN	Renal Physiology	<ul style="list-style-type: none"> Renal compensation Buffers 	Dr. Shymla
			ODD	Motor System	<ul style="list-style-type: none"> Mechanism of action of autonomic neurotransmitters Adrenergic receptors 	Dr. Inam
79	2/25/2018	Saturday	EVEN	Motor System	<ul style="list-style-type: none"> Mechanism of action of autonomic neurotransmitters Adrenergic receptors 	Dr. Inam
			ODD	Renal Physiology	<ul style="list-style-type: none"> Renal compensation Buffers 	Dr. Shymla
80	2/27/2018	Monday	EVEN	Renal Physiology	<ul style="list-style-type: none"> Micturition reflex reinst 	Dr. Shymla
			ODD	Motor System	<ul style="list-style-type: none"> Physiological actions Cholinergic discharge Sympathetic stress response 	Dr. Inam

81	2/28/2018	Tuesday	EVEN	Motor System	<ul style="list-style-type: none"> • Physiological actions • Cholinergic discharge • Sympathetic stress response 	Dr. Inam
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Micturition reflex reinst 	Dr. Shymla
82	3/1/2018	Wednesday	EVEN	Renal Physiology	<ul style="list-style-type: none"> • Renal function/investigation • K⁺ regulation causes 	Dr. Sheena
			ODD	Motor System	<ul style="list-style-type: none"> • Reflex definition • Components • Classification • Properties 	Dr. Inam
83	3/2/2018	Thursday	EVEN	Motor System	<ul style="list-style-type: none"> • Reflex definition • Components • Classification • Properties 	Dr. Inam
			ODD	Renal Physiology	<ul style="list-style-type: none"> • Renal function/investigation • K⁺ regulation causes 	Dr. Sheena

Mar-18

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
84	3/3/2018	Friday	EVEN	Motor System	<ul style="list-style-type: none"> • Conditioned • Flexor crossed extensor withdrawal stretch INV stretch 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Introduction to endocrinology • Classification of hormones & their synthesis • Hormone secretion during of action • Feed back control • Transport clearance 	Dr. Faizania
85	3/4/2018	Saturday	EVEN	Endocrines	<ul style="list-style-type: none"> • Introduction to endocrinology • Classification of hormones & their synthesis • Hormone secretion 	Dr. Faizania

					during of action	
					<ul style="list-style-type: none"> • Feed back control • Transport clearance 	
			ODD	Motor System	<ul style="list-style-type: none"> • Conditioned • Flexor crossed extensor withdrawal stretch INV stretch 	Dr. Inam
			EVEN	Motor System	<ul style="list-style-type: none"> • Grading clonus • Babinski 	Dr. Inam
86	3/6/2018	Monday	ODD	Endocrines	<ul style="list-style-type: none"> • Hormone receptors • Intracellular signalling after hormone receptor activation • MOA of hormone 	Dr. Faizania
			EVEN	Endocrines	<ul style="list-style-type: none"> • Hormone receptors • Intracellular signalling after hormone receptor activation • MOA of hormone 	Dr. Faizania
87	3/7/2018	Tuesday	ODD	Motor System	<ul style="list-style-type: none"> • Grading clonus • Babinski 	Dr. Inam
			EVEN	Motor System	<ul style="list-style-type: none"> • Higher brain level • Lower brain level • Spinal cord level • Concepts of upper motor neuron • Concepts of lower motor neuron & interneuron • Introduction to muscle spindle and golgi tendon organ 	Dr. Inam
88	3/8/2018	Wednesday	ODD	Endocrines	<ul style="list-style-type: none"> • Pituitary gland • Hormones • Cells types • Concentration with hypothalamus • Introduction to growth hormone bone 	Dr. Faizania
89	3/9/2018	Thursday	EVEN	Endocrines	<ul style="list-style-type: none"> • Pituitary gland • Hormones • Cells types 	Dr. Faizania

					<ul style="list-style-type: none"> • Concentration with hypothalamus • Introduction to growth hormone bone 	
			ODD	Motor System	<ul style="list-style-type: none"> • Higher brain level • Lower brain level • Spinal cord level • Concepts of upper motor neuron • Concepts of lower motor neuron & interneuron • Introduction to muscle spindle and golgi tendon organ 	Dr. Inam
90	3/10/2018	Friday	EVEN	Motor System	<ul style="list-style-type: none"> • Muscle tone hypotonia • Hypertonia & clonus • Stretch reflex-dynamic & static components • Role of renshaw cells • Alpha-gamma co-activation • Importance of stretch reflex 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Metabolic functions of GH secretions • Factors affecting GH secretion • GHRH MOA abnormalities of GH secretion (hypopituitarism) 	Dr. Faizania
91	3/11/2018	Saturday	EVEN	Endocrines	<ul style="list-style-type: none"> • Metabolic functions of GH secretions • Factors affecting GH secretion • GHRH MOA abnormalities of GH secretion (hypopituitarism) 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Muscle tone hypotonia • Hypertonia & clonus • Stretch reflex-dynamic & static components • Role of renshaw cells 	Dr. Inam

					<ul style="list-style-type: none"> • Alpha-gamma co-activation • Importance of stretch reflex 	
92	3/13/2018	Monday	CLASS TEST			
	3/14/2018	Tuesday				
	3/15/2018	Wednesday				
93	3/15/2018	Wednesday	EVEN	Motor System	<ul style="list-style-type: none"> • Role of golgi tendon organ • Lengthening reaction • Polysynaptic reflex • Tlexor refex • Crossed extensor reflex • Other spinal cord reflexes 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Hypersecretion of GH (Gigantism, acromegaly) • Hormones required to cause growth • Factors affecting growth • Growth spurts posterior pituitary hormones 	Dr. Faizania
94	3/16/2018	Thursday	EVEN	Endocrines	<ul style="list-style-type: none"> • Hypersecretion of GH (Gigantism, acromegaly) • Hormones required to cause growth • Factors affecting growth • Growth spurts posterior pituitary hormones 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Role of golgi tendon organ • Lengthening reaction • Polysynaptic reflex • Tlexor refex • Crossed extensor reflex • Other spinal cord reflexes 	Dr. Inam
95	3/17/2018	Friday	EVEN	Motor System	<ul style="list-style-type: none"> • Cerebral cortical areas • Concept of allocortex neocortex 	Dr. Inam

			ODD	Endocrines	<ul style="list-style-type: none"> • Thyroid gland hormone • Synthesis and transport 	Dr. Farah
			EVEN	Endocrines	<ul style="list-style-type: none"> • Thyroid gland hormone • Synthesis and transport 	Dr. Farah
96	3/18/2018	Saturday	ODD	Motor System	<ul style="list-style-type: none"> • Cerebral cortical areas • Concept of allocortex neocortex 	Dr. Inam
			EVEN	Motor System	<ul style="list-style-type: none"> • Motor area in the cerebral cortex • Concept of idea plan and execution 	Dr. Inam
97	3/20/2018	Monday	ODD	Endocrines	<ul style="list-style-type: none"> • M.O.A of thyroid hormone • Functions & feedback control • Antithyroid drugs 	Dr. Farah
			EVEN	Endocrines	<ul style="list-style-type: none"> • M.O.A of thyroid hormone • Functions & feedback control • Antithyroid drugs 	Dr. Faizania
98	3/21/2018	Tuesday	ODD	Motor System	<ul style="list-style-type: none"> • Motor area in the cerebral cortex • Concept of idea plan and execution 	Dr. Inam
			EVEN	Motor System	<ul style="list-style-type: none"> • Medial & lateral descending pathways & functional outline • Corticospinal tract (course) 	Dr. Inam
99	3/22/2018	Wednesday	ODD	Endocrines	<ul style="list-style-type: none"> • Abnormalities of thyroid gland • Hypothyroidism & Hyperthyroidism 	Dr. Farah
			EVEN	Endocrines	<ul style="list-style-type: none"> • Abnormalities of thyroid gland • Hypothyroidism & Hyperthyroidism 	Dr. Farah
100	3/24/2018	Friday	ODD	Motor System	<ul style="list-style-type: none"> • Medial & lateral descending pathways & functional outline • Corticospinal tract (course) 	Dr. Inam

101	3/25/2018	Saturday	EVEN	Motor System	<ul style="list-style-type: none"> • Functions & lesions of corticospinal tract • Rigidity & spasticity • Rubrospinal tract 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Blood glucose regulation • Islet of langerhns • Meeh of insulin secretion • M.O.A insulin and effects 	Dr. Farah
102	SPRING VACATION AND SPORTS WEEK (W.E.F 26-03-2018 TO 09-04-2018)					

Apr-18

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
103	4/10/2018	Monday	EVEN	Endocrines	<ul style="list-style-type: none"> • Blood glucose regulation • Islet of langerhns • Meeh of insulin secretion • M.O.A insulin and effects 	Dr. Farah
			ODD	Motor System	<ul style="list-style-type: none"> • Functions & lesions of corticospinal tract • Rigidity & spasticity • Rubrospinal tract 	Dr. Inam
104	4/11/2018	Tuesday	EVEN	Motor System	<ul style="list-style-type: none"> • Extrapyramidal tracts • Diff:UMNL & bLMNL • Reticular formation 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Metabolic actions of insulin 	Dr. Farah
105	4/12/2018	Wednesday	EVEN	Endocrines	<ul style="list-style-type: none"> • Metabolic actions of insulin 	Dr. Inam
			ODD	Motor System	<ul style="list-style-type: none"> • Extrapyramidal tracts • Diff:UMNL & bLMNL • Reticular formation 	
106	4/13/2018	Thursday	EVEN	Motor System	<ul style="list-style-type: none"> • Polinyelitis • Syringomyelia tabes 	Dr. Inam

					dorsalis	
			ODD	Endocrines	<ul style="list-style-type: none"> • Decrebrate rigidity • Somatostatin • Diabetes mellitus 	Dr. Farah
106	4/14/2018	Friday	EVEN	Endocrines	<ul style="list-style-type: none"> • Somatostatin • Diabetes mellitus 	Dr. Farah
			ODD	Motor System	<ul style="list-style-type: none"> • Polinyelitis • Syringomyelia tabes dorsalis • Decrebrate rigidity 	Dr. Inam
107	4/15/2018	Saturday	EVEN	Motor System	<ul style="list-style-type: none"> • Decorticate rigidity • Transection of spinal cord • Stage of spinal shock • Stage or recovery 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Calcium Homeostasis • Bone physiology • Bone remodeling 	Dr. Farah
108	4/17/2018	Monday	EVEN	Endocrines	<ul style="list-style-type: none"> • Calcium Homeostasis • Bone physiology • Bone remodeling 	Dr. Farah
			ODD	Motor System	<ul style="list-style-type: none"> • Decorticate rigidity • Transection of spinal cord • Stage of spinal shock • Stage or recovery 	Dr. Inam
109	4/18/2018	Tuesday	EVEN	Motor System	<ul style="list-style-type: none"> • Stage of complications • Hemisection of spinal cord • Introduction to cerebellum and basal ganglia 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Introduction of adrenal cortex & medulla synthesis of adrenocortical hormones • Enzyme deficiency & their outcome • Plasma concentrate of hormones binding to plasma proteins and metabolism 	Dr. Faizania

			EVEN	Endocrines	<ul style="list-style-type: none"> • Introduction of adrenal cortex & medulla synthesis of adrenocortical hormones • Enzyme deficiency & their outcome • Plasma concentrate of hormones binding to plasma proteins and metabolism 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Stage of complications • Hemisection of spinal cord • Introduction to cerebellum and basal ganglia 	Dr. Inam
110	4/19/2018	Wednesday				
			EVEN	Motor System	<ul style="list-style-type: none"> • Physiology anatomy of cerebellum • Classification of cerebellum • General functions of cerebellum 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Aldosterone M.O.A actions & site of action • Apparent minerolocorticoid excess • Aldosterone 	Dr. Faizania
111	4/20/2018	Thursday				
			EVEN	Endocrines	<ul style="list-style-type: none"> • Aldosterone M.O.A actions & site of action • Apparent minerolocorticoid excess • Aldosterone 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Physiology anatomy of cerebellum • Classification of cerebellum • General functions of cerebellum 	Dr. Inam
112	4/21/2018	Friday				
			EVEN	Motor System	<ul style="list-style-type: none"> • Functional zones of cerebellum with salient features and functions of each zone 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Escape regulation of aldosterone secretion • Glucocorticoids into and M.O.A 	Dr. Faizania
113	4/22/2018	Saturday				

114	4/24/2018	Monday	EVEN	Endocrines	<ul style="list-style-type: none"> • Escape regulation of aldosterone secretion • Glucocorticoids into and M.O.A 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Functional zones of cerebellum with salient features and functions of each zone 	Dr. Inam
115	4/25/2018	Tuesday	EVEN	Motor System	<ul style="list-style-type: none"> • Cerebellar cortical layers • Cerebellar cortical neurons • Deep cerebellar nuclei • Cerebellar primary afferents 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Osteoblast/osteoclast working • PTH (Mechanism of action, physiology role & regulation) 	Dr. Faizania
116	4/26/2018	Wednesday	EVEN	Endocrines	<ul style="list-style-type: none"> • Osteoblast/osteoclast working • PTH (Mechanism of action, physiology role & regulation) 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Cerebellar cortical layers • Cerebellar cortical neurons • Deep cerebellar nuclei • Cerebellar primary afferents 	Dr. Inam
117	4/27/2018	Thursday	EVEN	Motor System	<ul style="list-style-type: none"> • Specific cerebellar afferents • Cerebellar efferents • Cerebellar lesion (Clinical manifestations) 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Abnormalities of adrenal gland • Addison's disease • Cushing Syndrome • Conn's syndrome 	Dr. Faizania
118	4/28/2018	Friday	EVEN	Endocrines	<ul style="list-style-type: none"> • Abnormalities of 	Dr. Faizania

					adrenal gland	
			ODD	Motor System	<ul style="list-style-type: none"> Addison's disease Cushing Syndrome Conn's syndrome 	
			ODD	Motor System	<ul style="list-style-type: none"> Specific cerebellar afferents Cerebellar efferents Cerebellar lesion (Clinical manifestations) 	Dr. Inam
			EVEN	Motor System	<ul style="list-style-type: none"> Clinical manifestations of cerebellar disease Introduction to basal ganglia Parts of basal ganglia Connections of basal ganglia 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> Adrenal medulla Hormones Synthesis secretion Products Receptors Actions Stress response Pheochromocytoma 	Dr. Faizania
119	4/29/2018	Saturday				

May-18

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
			EVEN	Endocrines	<ul style="list-style-type: none"> Adrenal medulla Hormones Synthesis secretion Products Receptors Actions Stress response Pheochromocytoma 	Dr. Faizania
120	5/2/2018	Tuesday	ODD	Motor System	<ul style="list-style-type: none"> Clinical manifestations of cerebellar disease 	Dr. Inam

					<ul style="list-style-type: none"> • Introduction to basal ganglia • Parts of basal ganglia • Connections of basal ganglia 	
121	5/3/2018	Wednesday	EVEN	Motor System	<ul style="list-style-type: none"> • Neurotransmitters of basal ganglia • Functions of basal ganglia • Parkinson's disease (pathophysiology and clinical manifestations) 	Dr. Inam
			ODD	Endocrines	<ul style="list-style-type: none"> • Brief overview of introduction to endocrinology • Measurement of hormone concentration in blood RIA & ELISA 	Dr. Faizania
122	5/4/2018	Thursday	EVEN	Endocrines	<ul style="list-style-type: none"> • Brief overview of introduction to endocrinology • Measurement of hormone concentration in blood RIA & ELISA 	Dr. Faizania
			ODD	Motor System	<ul style="list-style-type: none"> • Neurotransmitters of basal ganglia • Functions of basal ganglia • Parkinson's disease (pathophysiology and clinical manifestations) 	Dr. Inam
123	5/5/2018	Friday	EVEN	Motor System	<ul style="list-style-type: none"> • Treatment of parkinson's disease • Hyperkinetic disorders (Chorea, Athetosis, Balism) • Movies of clinical manifestations 	Dr. Inam
			ODD	HMF	<ul style="list-style-type: none"> • Association areas • Cerebral damience 	Dr. Sidra
124	5/6/2018	Saturday	EVEN	HMF	<ul style="list-style-type: none"> • Association areas • Cerebral damience 	Dr. Sidra
			ODD	Reproduction	<ul style="list-style-type: none"> • Introduction of male reproduction • Determination of sex 	Dr. Farah

					<ul style="list-style-type: none"> • Sex chromosome • Sex chromation a berr body • Embryology • Festis function • Ductal system • Accessory gland function 	
125	5/8/2018	Monday	EVEN	Reproduction	<ul style="list-style-type: none"> • Introduction of male reproduction • Determination of sex • Sex chromosome • Sex chromation a berr body • Embryology • Festis function • Ductal system • Accessory gland function 	Dr. Farah
			ODD	HMF	<ul style="list-style-type: none"> • Speeds • Abnormalities 	Dr. Sidra
126	5/9/2018	Tuesday	EVEN	HMF	<ul style="list-style-type: none"> • Speeds • Abnormalities 	Dr. Sidra
			ODD	Reproduction	<ul style="list-style-type: none"> • Hormones effect on spermatogenesis • Changes in spersm formation for sperm • Blood testis bames formation function • Destroyer • Thremoregulation of testing • Semen analysis • Normal parameter • Abnormalities 	Dr. Farah
127	5/10/2018	Wednesday	EVEN	Reproduction	<ul style="list-style-type: none"> • Hormones effect on spermatogenesis • Changes in spersm formation for sperm • Blood testis bames formation function • Destroyer 	Dr. Farah

					<ul style="list-style-type: none"> • Thermoregulation of testing • Semen analysis • Normal parameter • Abnormalities 	
			ODD	HMF	<ul style="list-style-type: none"> • Memory • Classification of memory • Short low memory 	Dr. Sidra
			EVEN	HMF	<ul style="list-style-type: none"> • Memory • Classification of memory • Short low memory 	Dr. Sidra
128	5/11/2018	Thursday	ODD	Reproduction	<ul style="list-style-type: none"> • Capacitation acrosomal reaction • Puberty • Steps of female puberty • Control of puberty testosterone • Secretion function • Regulation secondary sexual character andorpan • Early & delayed puberty • Male sexual act • Nervous pathway • Effect of sildanefil and their side effect 	Dr. Farah
129	5/12/2018	Friday	EVEN	Reproduction	<ul style="list-style-type: none"> • Capacitation acrosomal reaction • Puberty • Steps of female puberty • Control of puberty testosterone • Secretion function • Regulation secondary sexual character andorpan • Early & delayed puberty • Male sexual act • Nervous pathway 	Dr. Farah

					<ul style="list-style-type: none"> • Effect of sildanefil and their side effect 	
			ODD	HMF	<ul style="list-style-type: none"> • ILTM • LTP (long term memory) 	Dr. Sidra
130	5/13/2018	Saturday	CLASS TEST			
	5/15/2018	Monday				
	5/16/2018	Tuesday				
131	5/17/2018	Wednesday	EVEN	HMF	<ul style="list-style-type: none"> • ILTM • LTP (long term memory) 	Dr. Sidra
			ODD	Reproduction	<ul style="list-style-type: none"> • Female reproductive system • Female reproduction • Organ anatomy uterus and fallopian tube of & ovary • Changes in ovary during life • Hormonal system 	Dr. Farah
132	5/18/2018	Thursday	EVEN	Reproduction	<ul style="list-style-type: none"> • Female reproductive system • Female reproduction • Organ anatomy uterus and fallopian tube of & ovary • Changes in ovary during life • Hormonal system 	Dr. Farah
			ODD	HMF	<ul style="list-style-type: none"> • Amnesia luibic system 	Dr. Sidra
133	5/19/2018	Friday	EVEN	HMF	<ul style="list-style-type: none"> • Amnesia luibic system 	Dr. Sidra
			ODD	Reproduction (Repeat)	<ul style="list-style-type: none"> • Female reproductive system • Female reproduction • Organ anatomy uterus and fallopian tube of & ovary • Changes in ovary during life • Hormonal system 	Dr. Farah
134	5/21/2018	Saturday	EVEN	Reproduction (Repeat)	<ul style="list-style-type: none"> • Female reproductive system • Female reproduction 	Dr. Farah

					<ul style="list-style-type: none"> • Organ anatomy uterus and fallopian tube of & ovary • Changes in ovary during life • Hormonal system 	
			ODD	HMF	<ul style="list-style-type: none"> • Function of hypothalamus 	Dr. Sidra
			EVEN	HMF	<ul style="list-style-type: none"> • Function of hypothalamus 	Dr. Sidra
			ODD	Reproduction	<ul style="list-style-type: none"> • Endometrial charges during cycle • Menstrual cycle • 3 phases • Proliferation phase • Ovulitins secretory phase • Menstrual in process • Hemostasis secretory phase • Changes in estrogen and prosterogen • Spinbarkit & ferrin process • Cervical changes • Brest charges • Estrous cycle • Anovulating cycle 	Dr. Farah
135	5/22/2018	Monday				
			EVEN	Reproduction	<ul style="list-style-type: none"> • Endometrial charges during cycle • Menstrual cycle • 3 phases • Proliferation phase • Ovulitins secretory phase • Menstrual in process • Hemostasis secretory phase • Changes in estrogen and prosterogen • Spinbarkit & ferrin process • Cervical changes 	Dr. Farah
136	5/23/2018	Tuesday				

					<ul style="list-style-type: none"> • Brest charges • Estrous cycle • Anovulating cycle 	
			ODD	HMF	<ul style="list-style-type: none"> • Function of hypocapnai • Amgydla • Cerebral cortex • EEG 	Dr. Sidra
			EVEN	HMF	<ul style="list-style-type: none"> • Function of hypocapnai • Amgydla • Cerebral cortex • EEG 	Dr. Sidra
137	5/24/2018	Wednesday	ODD	Reproduction (Repeat)	<ul style="list-style-type: none"> • Endometrial charges during cycle • Menstrual cycle • 3 phases • Proliferaction phase • Ovulitins secretory phase • Menstrual in process • Hemostasis secretary phase • Changes in estrogen and prosterogen • Spinbarkit & ferrin process • Cervical changes • Brest charges • Estrous cycle • Anovulating cycle 	Dr. Farah
138	5/25/2018	Thursday	EVEN	Reproduction (Repeat)	<ul style="list-style-type: none"> • Endometrial charges during cycle • Menstrual cycle • 3 phases • Proliferaction phase • Ovulitins secretory phase • Menstrual in process • Hemostasis secretary phase • Changes in estrogen and prosterogen 	Dr. Farah

					<ul style="list-style-type: none"> • Spinbarkit & ferrin process • Cervical changes • Brest charges • Estrous cycle • Anovulating cycle 	
			ODD	HMF	<ul style="list-style-type: none"> • Epilepsy • RA system 	Dr. Sidra
			EVEN	HMF	<ul style="list-style-type: none"> • Epilepsy • RA system 	Dr. Sidra
139	5/26/2018	Friday	ODD	Reproduction	<ul style="list-style-type: none"> • Ovarian sex hormone • Function of estrogen • Types • Formation • Transport band with protein • Metabolic fate • Function of estrogen • Effect on reproductive organs • CNS secondary sex character • Osteoporosis • Protein deposit 	Dr. Farah
			EVEN	Reproduction	<ul style="list-style-type: none"> • Ovarian sex hormone • Function of estrogen • Types • Formation • Transport band with protein • Metabolic fate • Function of estrogen • Effect on reproductive organs • CNS secondary sex character • Osteoporosis • Protein deposit 	Dr. Farah
140	5/27/2018	Saturday	ODD	HMF	<ul style="list-style-type: none"> • RA system • Sleep 	Dr. Sidra

			EVEN	HMF	<ul style="list-style-type: none"> • RA system • Sleep 	Dr. Sidra
			ODD	Reproduction (Repeat)	<ul style="list-style-type: none"> • Ovarian sex hormone • Function of estrogen • Types • Formation • Transport band with protein • Metabolic fate • Function of estrogen • Effect on reproductive organs • CNS secondary sex character • Osteoporosis • Protein deposit 	Dr. Farah
141	5/29/2018	Monday				
			EVEN	Reproduction (Repeat)	<ul style="list-style-type: none"> • Ovarian sex hormone • Function of estrogen • Types • Formation • Transport band with protein • Metabolic fate • Function of estrogen • Effect on reproductive organs • CNS secondary sex character • Osteoporosis • Protein deposit 	Dr. Farah
142	5/30/2018	Tuesday	ODD	HMF	<ul style="list-style-type: none"> • Sleep 	Dr. Sidra
			EVEN	HMF	<ul style="list-style-type: none"> • Sleep 	Dr. Sidra
143	5/31/2018	Wednesday	ODD	Reproduction	<ul style="list-style-type: none"> • Progesteron • Chemistry • Biosynthesis • Metabolism pulsetite secretion • Positive and negative feedback inhibin • Action of progesteron 	Dr. Farah

					<ul style="list-style-type: none"> • Effect on uterus, breast, brain • Thermojenic effect response • Menstrnation abnormalities • Terminology of menstructure • Indication of ovulation menopam 	
144	6/1/2018	Thursday	EVEN	Reproduction	<ul style="list-style-type: none"> • Progestron • Chemistry • Biosynthesis • Metabolism pulsetite secretion • Positive and negative feedback inhibin • Action of progesteron • Effect on uterus, breast, brain • Thermojenic effect response • Menstrnation abnormalities • Terminology of menstructure • Indication of ovulation menopam 	Dr. Farah
			ODD	HMF	<ul style="list-style-type: none"> • CSF • Formation • Function pressure 	Dr. Sidra
145	6/2/2018	Friday	EVEN	HMF	<ul style="list-style-type: none"> • CSF • Formation • Function pressure 	Dr. Sidra
			ODD	Reproduction	<ul style="list-style-type: none"> • Pregnancy and lactation • Fertilytion • Faritus to reject “Fetal groft” • Physiological changes during pregnancy • Pre eclampsia • Felampsia 	Dr. Farah

			EVEN	Reproduction	<ul style="list-style-type: none"> • Pregnancy and lactation • Fertilytion • Faritus to reject “Fetal groft” • Physiological changes during pregnancy • Pre eclampsia • Felampsia 	Dr. Farah
146	6/3/2018	Saturday	ODD	HMF	<ul style="list-style-type: none"> • LP hydroephales BBB 	Dr. Sidra
			EVEN	HMF	<ul style="list-style-type: none"> • LP hydroephales BBB 	Dr. Sidra
			ODD	Reproduction (Repeat)	<ul style="list-style-type: none"> • Pregnancy and lactation • Fertilytion • Faritus to reject “Fetal groft” • Physiological changes during pregnancy • Pre eclampsia • Felampsia 	Dr. Farah
147	6/5/2018	Monday				
			EVEN	Reproduction (Repeat)	<ul style="list-style-type: none"> • Pregnancy and lactation • Fertilytion • Faritus to reject “Fetal groft” • Physiological changes during pregnancy • Pre eclampsia • Felampsia 	Dr. Farah
148	6/6/2018	Tuesday	ODD	HMF (Repeat)	<ul style="list-style-type: none"> • LP hydroephales BBB 	Dr. Faizania
SUMMER VACATIONS W.E.F 07-06-2018 TO 21-07-2018						

DEPARTMENT OF BIOCHEMISTRY
RAWALPINDI MEDICAL UNIVERSITY,
RAWALPINDI.

Academic Calendar Second Year MBBS Class 2016-2017

DEPARTMENT OF BIOCHEMISTRY

RAWALPINDI MEDICAL UNIVERSITY, RAWALPINDI.

Academic Calendar Second Year MBBS Class 2016-2017

Upto 02 - 20218

Lec. No.	Tentative Date	Day	Class	Topic	Topic Detail	Teacher
1.	24-11-2017	Monday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none">• Gluconeogenesis	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none">• Introduction of metabolism	Dr. Tehmina
2.	25-11-2017	Tuesday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none">• Regulation of gluconeogenesis	Dr. Nadeem
			ODD	Energy Metabolism	<ul style="list-style-type: none">• Glycolysis	Dr. Tehmina
3.	01-12-2017	Friday	EVEN	Holiday		
			ODD			
4.	02-12-2017	Saturday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none">• Gluconeogenesis	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none">• Glycolysis regulation	Dr. Tehmina
5.	04-12-2017	Monday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none">• HMP pathway reactions	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none">• Glucose alanine cycle	Dr. Tehmina
6.	05-12-2017	Tuesday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none">•	
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none">•	
7.	08-12-2017	Friday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none">• Regulation of gluconeogenesis	Dr. Nadeem

			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Fate of pyruvate 	Dr. Tehmina
8.	09-12-2017	Saturday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Glycogen synthesis 	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Formation of acetyl CoA 	Dr. Tehmina
9.	11-12-2017	Monday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Glycogen breakdown 	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> CAC regulation enzyme control 	Dr. Tehmina
10.	12-12-2017	Tuesday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Regulation of glycogen metabolism 	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> HMP shunt regulation importance of NADPH 	Dr. Tehmina
11.	15-12-2017	Friday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Glycogen storage disorders and metabolism 	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Enzyme for anti oxidation P-450 cytochrome system 	Dr. Tehmina
12.	16-12-2017	Saturday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Regulation of blood glucose galactose metabolism 	Dr. Nadeem
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> G6PD deficiency 	Dr. Riffet
13.	18-12-2017	Monday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Introduction to metabolism , catabolism 	Dr. Tehmina
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Gluconeogenesis 	Dr. Riffet
14.	19-12-2017	Tuesday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Glycolysis preparatory phase 	Dr. Tehmina
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Cancer 	Dr. Riffet
15.	22-12-2017	Friday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Glycolysis pay off phase 	Dr. Tehmina

			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Regulation of gluconeogenesis 	Dr. Nadeem
16.	23-12-2017	Saturday	EVEN	Carbohydrate Metabolism	<ul style="list-style-type: none"> Regulation of glycolysis 	Dr. Riffet
			ODD	Carbohydrate Metabolism	<ul style="list-style-type: none"> Glycogen metabolism 	Dr. Nadeem
					<ul style="list-style-type: none"> 	
17.	01-01-2018	Monday	EVEN	Energy Metabolism	<ul style="list-style-type: none"> Bioenergetic introduction 	Dr. Temina
			ODD	GIT	<ul style="list-style-type: none"> Digestion / Absorption of carbohydrates 	Dr. Nadia
18.	02-01-2018	Tuesday	Class test			
19.	05-01-2018	Friday	EVEN	Energy Metabolism	<ul style="list-style-type: none"> Structure of mitochondria 	Dr. Tehmina
			ODD	GIT	<ul style="list-style-type: none"> Hormones of GIT 	Dr. Nadia
20.	06-01-2018	Saturday	EVEN	Energy Metabolism	<ul style="list-style-type: none"> Complexes of electron transport chain 	Dr. Tehmina
			ODD	GIT	<ul style="list-style-type: none"> Digestion absorption of proteins 	Dr. Nadia
21.	08-01-2018	Monday	EVEN	Energy Metabolism	<ul style="list-style-type: none"> Energy equation 	Dr. Tehmina
			ODD	GIT	<ul style="list-style-type: none"> Digestion / absorption of fat 	Dr. Nadia
22.	09-01-2018	Tuesday	EVEN	GIT	<ul style="list-style-type: none"> Digestion/Absorption of carbohydrates 	Dr. Nadia
			ODD	Energy Metabolism	<ul style="list-style-type: none"> Bioenergetics definition 	Dr. Tehmina
23.	12-01-2018	Friday	EVEN	GIT	<ul style="list-style-type: none"> Digestion/Absorption of fats 	Dr. Nadia
			ODD	Energy Metabolism	<ul style="list-style-type: none"> Inhibitors and uncouples of electron transport chain 	Dr. Tehmina

24.	13-01-2018	Saturday	EVEN	GIT	<ul style="list-style-type: none"> Digestion / Absorption of protein 	Dr. Nadia
			ODD	Energy Metabolism	<ul style="list-style-type: none"> ATP synthesis 	Dr. Tehmina
25.	15-01-2018	Monday	EVEN	GIT	<ul style="list-style-type: none"> GIT hormones 	Dr. Nadia
			ODD	Energy Metabolism	<ul style="list-style-type: none"> Introduction of protein metabolism 	Dr. Tehmina
26.	16-01-2018	Tuesday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> Introduction to protein metabolism aminoacid pool and protein turn over 	Dr. Tehmina
			ODD	Protein Metabolism	<ul style="list-style-type: none"> Glycine metabolism 	Dr. Nadeem
27.	19-01-2018`	Friday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> Reactions of aminoacids 	Dr. Tehmina
			ODD	Protein Metabolism	<ul style="list-style-type: none"> Phanylanine and tyrosine 	Dr. Nadeem
28.	20-01-2018	Saturday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> Reaction of amino acid 	Dr. Tehmina
			ODD	Protein Metabolism	<ul style="list-style-type: none"> Phanyl alanine and tyrosine 	Dr. Nadeem
29.	22-01-2018	Monday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> Nitrogen balance 	Dr. Tehmina
			ODD	Protein Metabolism	<ul style="list-style-type: none"> Tryptophan metabolism 	Dr. Nadeem
30.	23-01-2018	Tuesday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> Formation of ammonia and its transport 	Dr. Tehmina
			ODD	Protein Metabolism	<ul style="list-style-type: none"> Methionine and cystine 	Dr. Nadeem
31.	26-01-2018	Friday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> Urea cycle and its regulation 	Dr. Tehmina
			ODD	Protein Metabolism	<ul style="list-style-type: none"> Tryptophan metabolism 	Dr. Nadeem

32.	27-01-2018	Saturday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> • Urea cycle disorder and ammonia toxicity 	Dr. Nadeem
			ODD	Protein Metabolism	<ul style="list-style-type: none"> • Histidine and arginine 	Dr. Tehmina
33.	29-01-2018	Monday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> • Phanyl alanine and tyrosine 	Dr. Nadeem
			ODD	Protein Metabolism	<ul style="list-style-type: none"> • Reaction of amino acid 	Dr. Tehmina
34.	30-01-2018	Tuesday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> • Tryptophan metabolism 	Dr. Nadeem
			ODD	Protein Metabolism	<ul style="list-style-type: none"> • Urea cycle 	Dr. Tehmina
35.	02-02-2018	Friday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> • Methionine and cystinine 	Dr. Nadeem
			ODD	Protein Metabolism	<ul style="list-style-type: none"> • Histidine and arginine 	Dr. Tehmina
36.	03-02-2018	Saturday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> • Tyrosine 	Dr. Nadeem
			ODD	Protein Metabolism	<ul style="list-style-type: none"> • Phenyl alanine 	Dr. Tehmina
37.	06-02-2018	Tuesday	EVEN	Protein Metabolism	<ul style="list-style-type: none"> • Tryptophan 	Dr. Nadeem
			ODD	Protein Metabolism	<ul style="list-style-type: none"> • Protein metabolism introduction 	Dr. Tehmina
38.	09-02-2018	Friday	EVEN	Water and electrolyte	<ul style="list-style-type: none"> • Introduction and mechanism 	Dr. Nadia
			ODD	Acid base imbalance	<ul style="list-style-type: none"> • Acid base imbalance 	Dr. Almas
39.	10-02-2018	Saturday	EVEN	Water and electrolyte	<ul style="list-style-type: none"> • Water intoxication and dehydration 	Dr. Nadia
			ODD	Acid base imbalance	<ul style="list-style-type: none"> • Acid base imbalance 	Dr. Almas
40.	12-02-2018	Monday	EVEN	Water and electrolyte	<ul style="list-style-type: none"> • Sodium and potassium , sources , functions and imbalance 	Dr. Nadia

			ODD	Cancer	<ul style="list-style-type: none"> • Cancer etiology and patho physiology 	Dr. Almas
41.	13-02-2018	Tuesday	EVEN	Water and electrolyte	<ul style="list-style-type: none"> • Hyper and hypo functions of sodium and chloride 	Dr. Nadia
			ODD	Aids	Etiology and patho physiology	Dr. Almas
42.	16-02-2018	Friday	EVEN	Test	<ul style="list-style-type: none"> • Class test protein Metabolism 	All teachers
			ODD	Test	<ul style="list-style-type: none"> • Test 	All teachers
43.	17-02-2018	Saturday	EVEN	Lipid Metabolism	<ul style="list-style-type: none"> • Plasma lipoprotein 	Dr. Farman
			ODD	Lipid Metabolism	Introduction to lipid metabolism	Dr. Nadeem
44.	19-02-2018	Monday	EVEN	Lipid Metabolism	<ul style="list-style-type: none"> • Plasma Lipoproteins 	Dr. Farman
			ODD	Lipid Metabolism	<ul style="list-style-type: none"> • TAG entry of FA into mitochondria 	Dr. Nadeem
45.	20-02-2018	Tuesday	EVEN	Lipid Metabolism	<ul style="list-style-type: none"> • IDL + LDL+ HDL 	Dr. Farman
			ODD	Lipid Metabolism	<ul style="list-style-type: none"> • β- oxidation 	Dr. Nadeem
46.	23-02-2018	Friday	EVEN	Lipid Metabolism	<ul style="list-style-type: none"> • Disorder of LP metabolism 	Dr. Farman
			ODD	Lipid Metabolism	<ul style="list-style-type: none"> • Other oxidations 	Dr. Nadeem
47.	24-02-2018	Saturday	EVEN	Lipid Metabolism	<ul style="list-style-type: none"> • Fatty liver, adipose tissue 	Dr. Farman
			ODD	Lipid Metabolism	<ul style="list-style-type: none"> • F. A synthesis 	Dr. Nadeem
48.	26-02-2018	Monday	EVEN	Lipid Metabolism	Biosynthesis of phosphor lipids	Dr. Farman
			ODD	Lipid Metabolism	<ul style="list-style-type: none"> • Cholesterol synthesis 	Dr. Nadeem
49.	27-02-2018	Tuesday	EVEN	Lipid Metabolism	Biosynthesis of	Dr.

					sphingomyelin	Farman
			ODD	Lipid Metabolism	<ul style="list-style-type: none">• Plasma cholesterol level and factors	Dr. Nadeem

DEPARTMENT OF ANATOMY
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Academic Calendar Second Year MBBS Class
2017-2018

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RAWALPINDI.

Academic Calendar Second Year MBBS Class 2017-2018

MBBS Annual Calendar/ Lecture Schedule For Second Year MBBS 2017-2018

DAY	DATE	NOVEMBER
Wednesday	22 -11-2017	TOPIC :Special embryology:development of spinal cord 1 Special histology: spinal cord TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Thursday	23-11-2017	TOPIC :Special embryology:development of spinal cord 1 Special histology: spinal cord TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Friday	24-11-2017	TOPIC :Special embryology:development of spinal cord 2 Special histology: cerebellum TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:09:00-10:00 AM VENUE: LH No. 3 & 4
Wednesday	29-11-2017	TOPIC :Special embryology:development of spinal cord 2 Special histology: cerebellum TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Thursday	30-11-2017	TOPIC :Special embryology:development of brain stem Special histology: cerebrum TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4

DECEMBER

Wednesday	6	TOPIC :Special embryology:development of brain stem
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		Special histology: cerebrum TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Thursday	7	TOPIC :Special embryology:development of forebrain Special histology: general organization of GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Friday	8	TOPIC :Special embryology:development of forebrain Special histology: general organization of GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
Wednesday	13	TOPIC :Special embryology:development of white matter Special histology: lips, palate TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Thursday	14	TOPIC :Special embryology:development of white matter Special histology: lips, palate TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Friday	15	TOPIC :Special embryology: congenital anomalies of CNS Special histology: tongue TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
Wednesday	20	TOPIC :Special embryology: congenital anomalies of CNS Special histology: tongue TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Thursday	21	TOPIC :Special embryology:development of esophagus Special histology:teeth, gum TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
Friday	22	TOPIC :Special embryology:development of esophagus Special histology: teeth, gum TEACHER: S. Embryology- prof Teheeb ul Hassan

		S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4

JANUARY

3-01-2018	Wednesday	TOPIC :Special embryology:development of stomach Special histology: esophagus TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
4	Thursday	TOPIC :Special embryology:development of stomach Special histology:esophagus TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
5	Friday	TOPIC :Special embryology:development of small intestine Special histology: stomach TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
10	Wednesday	TOPIC :Special embryology:development of small intestine Special histology: stomach TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
11	Thursday	TOPIC :Special embryology:development of liver and biliary apparatus Special histology: small intestine 1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
12	Friday	TOPIC :Special embryology:development of liver and biliary apparatus Special histology: small intestine 1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
17	Wednesday	TOPIC :Special embryology:development of spleen and pancreas Special histology: small intestine 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM

		VENUE: LH No. 3 & 4
18	Thursday	TOPIC :Special embryology:development of spleen and pancreas Special histology: small intestine 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
19	Friday	TOPIC :Special embryology: development of hind gut Special histology: large intestine TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
24	Wednesday	TOPIC :Special embryology: development of hind gut Special histology: large intestine TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 10:30-11:30 AM VENUE: LH No. 3 & 4
25	Thursday	TOPIC :Special embryology: development of salivary glands Special histology: diffuse neuroendocrine system of GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
26	Friday	TOPIC :Special embryology: development of salivary glands Special histology: diffuse neuroendocrine system of GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
31-01-2018	Wednesday	TOPIC :Special embryology: congenital anomalies of GIT Special histology: recum, appendix TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4

FEBUARY

01-02-2018	Thursday	TOPIC :Special embryology: congenital anomalies of GIT Special histology: recum, appendix TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
02	Friday	TOPIC :Special embryology:development of development of urogenital system Special histology: anal canal

		TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
7	Wednesday	TOPIC :Special embryology:development of development of urogenital system Special histology: anal canal TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 10:30-11:30 AM VENUE: LH No. 3 & 4
8	Thursday	TOPIC :Special embryology:development of development of kidneys Special histology: clinical GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
9	Friday	TOPIC :Special embryology:development of development of kidneys Special histology: clinical GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
14	Wednesday	TOPIC :Special embryology: development of suprarenal gland and urethra Special histology: clinical GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
15	Thursday	TOPIC :Special embryology: development of suprarenal gland and urethra Special histology: clinical GIT TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
16	Friday	TOPIC :Special embryology:congenital anomalies of renal system Special histology: liver 1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
21	Wednesday	TOPIC :Special embryology:congenital anomalies of renal system Special histology: liver 1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
22	Thursday	TOPIC :Special embryology: development of male genital system 1 Special histology: liver 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM

		VENUE: LH No. 3 & 4
23	Friday	TOPIC :Special embryology: development of male genital system 1 Special histology: liver 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
28	Wednesday	TOPIC :Special embryology: development of male genital system 2 Special histology: salivary glands TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4

MARCH

01-03-2018	Thursday	TOPIC :Special embryology: development of male genital system 2 Special histology: salivary glands TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
2	Friday	TOPIC :Special embryology:development of female genital system 1 Special histology: gall bladder, pancreas TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
7	Wednesday	TOPIC :Special embryology:development of female genital system 1 Special histology: gall bladder, pancreas TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 10:30-11:30 AM VENUE: LH No. 3 & 4
8	Thursday	TOPIC :Special embryology:development of female genital system 2 Special histology: general organization of urinary system TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
9	Friday	TOPIC :Special embryology:development of female genital system 2 Special histology: general organization of urinary system TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
14	Wednesday	TOPIC :Special embryology: early development of heart and blood vessels Special histology: kidney (nephron) TEACHER: S. Embryology- prof Teheeb ul Hassan

		S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
15	Thursday	TOPIC :Special embryology: early development of heart and blood vessels Special histology: kidney (nephron) TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
16	Friday	TOPIC :Special embryology: development of inferior vena cava and pharyngeal arch derivatives Special histology: kidney (collecting tubules) TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
21	Wednesday	TOPIC :Special embryology: development of inferior vena cava and pharyngeal arch derivatives Special histology: kidney (collecting tubules) TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
22	Thursday	TOPIC :Special embryology: later development of heart Special histology: kidney (juxta glomerular apparatus) TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
23	Friday	TOPIC :Special embryology: later development of heart Special histology: kidney (juxta glomerular apparatus) TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
28	Wednesday	TOPIC :Special embryology: partitioning of heart 1 Special histology: urinary bladder TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
29	Thursday	TOPIC :Special embryology: partitioning of heart 1 Special histology: urinary bladder TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
30	Friday	TOPIC :Special embryology: partitioning of heart 2 Special histology: ureter, urethra TEACHER: S. Embryology- prof Teheeb ul Hassan

		S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4
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APRIL

4-04-2018	Wednesday	<p>TOPIC :Special embryology: partitioning of heart 2 Special histology: ureter, urethra TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4</p>
5	Thursday	<p>TOPIC :Special embryology: development of conducting system of heart Special histology: testis 1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4</p>
6	Friday	<p>TOPIC :Special embryology: development of conducting system of heart Special histology: testis 1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 AM VENUE: LH No. 3 & 4</p>
25	Wednesday	<p>TOPIC :Special embryology: anomalies of heart, foetal circulation Special histology: testis 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4</p>
26	Thursday	<p>TOPIC :Special embryology: anomalies of heart, foetal circulation Special histology: testis 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 &</p>
27	Friday	<p>TOPIC :Special embryology: development of pharyngeal arch arteries derivatives Special histology: epididymis, vas deference TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME: 09:00-10:00 VENUE: LH No. 3 & 4</p>

MAY

2-05-2018	Wednesday	<p>TOPIC :Special embryology: development of pharyngeal arch arteries derivatives Special histology: epididymis, vas deference TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4</p>
3	Thursday	<p>TOPIC :Special embryology: pharyngeal apparatus Special histology: prostate and seminal vesicles</p>

		TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
4	Friday	
9	Wednesday	TOPIC :Special embryology: derivatives of pharyngeal pouches/grooves Special histology: mammary gland TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
10	Thursday	
11	Friday	TOPIC :Special embryology: development of thyroid gland, tongue Special histology: ovary TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
16	Wednesday	
17	Thursday	TOPIC :Special embryology: development of salivary glands Special histology: uterus TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
18	Friday	
23	Wednesday	TOPIC :Special embryology: development of face and palate Special histology: vagina, fallopian tube TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
24	Thursday	
25	Friday	TOPIC :Special embryology: development of body cavities 1 Special histology: pituitary, pineal gland TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
30	Wednesday	
31	Thursday	TOPIC :Special embryology: development of body cavities 2 Special histology: thyroid, parathyroid TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4

JULY

11-07-2018	Wednesday	
12	Thursday	TOPIC :Special embryology: development of diaphragm Special histology: adrenal gland TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
13	Friday	
18	Wednesday	TOPIC :Special embryology: development of eye 1 Special histology: eye1 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
19	Thursday	
20	Friday	TOPIC :Special embryology: development of eye 2 Special histology: eye 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
25	Wednesday	
26	Thursday	TOPIC :Special embryology: development of ear 1 Special histology: eye 3 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
27	Friday	

AUGUST

1-08-2018	Wednesday	TOPIC :Special embryology: development of ear 2 Special histology: ear 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4
2	Thursday	TOPIC :Special embryology: development of ear 2 Special histology: ear 2 TEACHER: S. Embryology- prof Teheeb ul Hassan S. histology- Dr. Arshad Iqbal TIME:10:30-11:30 AM VENUE: LH No. 3 & 4

THANK YOU