

First year MBBS UG Schedule July-December 2015

Date	Time	Subject	Teaching learning activity	Topic	Name of the faculty/tutors
16-07-2015, Thu	9-10 am	Physiology	Lecture	Introduction of students to teaching in Physiology	Dr RK Yadav Dr A Patil
	10-11am	Biochemistry	Lecture	Introduction to Biochemistry	Dr. DN Rao
	11 am-12pm	Physiology	Lecture	Principles of physiological control and homeostasis	Dr HN Mallick
	12 pm- 1 pm	Physiology	Lecture	Physiology of the cell	Dr D Ghosh
	2-5 pm	Biochemistry	Practical	Introduction to Biochemistry practicals Instrumentation I	Dr Archana Singh-1 Dr Nimisha
17-07-2015, Fri	9-10 am	Physiology	Lecture	Introduction to department of Physiology	Dr R Mathur
	10-11am	Biochemistry	Lecture	Cell and its subcellular compartments	Dr Subhradip Karmakar
	11 am-1 pm	Biochemistry	Tutorial (PBL1)	Membrane structure and function	Dr Subhradip Karmakar Dr S Sen Dr Dinesh & all residents
	2-3 pm	Physiology	Lecture	Intercellular connections and communications	Dr AK Jaryal
	3-4 pm	Physiology	Lecture	Physicochemical properties of cell membrane	Dr A Patil
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
20-07-2015, Mon	9-10 am	Physiology	Lecture	Introduction to blood and functions of plasma proteins	Dr AK Jaryal
	10am -5pm	Physiology	Practical	Batch A: Recording of biological phenomena following electrical stimulation (Inner UG laboratory)	Dr KK Deepak
					Dr Akanksha
					Dr Suriya
					Dr Shipra
					Dr Vinay
					Dr Rupali
					Dr Saritha
				Dr Sudha	
				Batch B: Use of microscope, counting chambers and pipettes in hematology (Main UG laboratory)	Dr HN Mallick
					Dr Anita
					Dr Ritesh
					Dr Ashlesh
					Dr Bhawna
Dr Pranay					
Dr Vinit					
Dr Nikhil Rani					

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21-07-2015, Tue	9-10 am	Anatomy	Lecture	Introduction to Anatomy (Gross-I)	Dr T S Roy
	10-11am	Anatomy	Lecture	Anatomical Terminology (Gross-II)	Dr A Shariff
	11 am-1 pm	Anatomy	Dissection	Introduction to Dissection	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Introduction to Osteology	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Tissues of the body	Faculty /Tutors
22-07-2015, Wed	9-10 am	Biochemistry	Lecture	Membrane structure and function	Dr Subhradip Karmakar
	10-11 am	Anatomy	Lecture	Introduction to Microanatomy and the cell (Micro-I)	Dr A Shariff
	11 am-1 pm	Anatomy	Dissection/ Practical	Tissues of the body / Microscopy and cell	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Clavicle	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Tissues of the body / Microscopy and cell	Faculty /Tutors
23-07-2015, Thu	9-10 am	Physiology	Lecture	Body fluids: intercellular, intracellular and blood & Principles of methods for determination of body fluids	Dr AK Jaryal
	10-11 am	Biochemistry	Lecture	Mechanism of membrane transport	Dr Subhradip Karmakar
	11am- 12 pm	Physiology	Lecture	Cell membrane: permeability and transport	Dr A Patil
	12-1pm	Physiology	Lecture	Principles of hemopoiesis	Dr AK Jaryal
	2-5 pm	Biochemistry	Practical	Instrumentation – II OSPE	Dr. Archana Singh-1 Dr. Amarpreet
24-07-2015, Fri	9-10 am	Physiology	Lecture	Principles of bioelectricity: Genesis of resting membrane potential	Dr A Patil
	10-11 am	Biochemistry	Lecture	Amino acids: The building blocks of proteins	Dr. M.R. Rajeswari
	11 am-1 pm	Biochemistry	Tutorial (PBL1 contd)	Membrane structure and function	Dr Subhradip Karmakar Dr S Sen Dr Dinesh & all residents
	2-3 pm	Physiology	Lecture	Erythropoiesis and its regulation	Dr AK Jaryal
	3-4 pm	Physiology	Lecture	Properties of nerve fibres	Dr A Patil
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty

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25-07-2015, Sat	9-10 am	Anatomy	Lecture	Locomotor system –I (Gross-III)	Dr R Sehgal
	10 am - 1 pm	Anatomy	Dissection	Pectoral region and mammary gland	Faculty /Tutors
27-07-2015, Mon	9-10 am	Physiology	Lecture	Rationale and ethics in animal experimentation	Dr N Mehta
	10am -5pm	Physiology	Practical	Batch A: Expt 1 and 2	
				Expt 1: Preparation of blood film and identification of cells in peripheral blood sample. (Main UG Lab)	Dr S Kaur
					Dr Akanksha
					Dr Rupaali
					Dr Sudha
				Expt 2: Total red blood cells in peripheral blood sample (Main UG Lab)	Dr R Bhatia
					Dr Anita
					Dr Bhawna
				Batch B: Expt. 3 and 4	
				Expt 3: Estimation of hemoglobin concentration in peripheral blood sample. Determination of osmotic fragility of erythrocytes. (Inner UG Lab)	Dr A Patil
					Dr Suriya
					Dr Saritha
					Dr Vinit
Expt 4: Total white blood cells in peripheral blood sample. (Side UG Lab)	Dr A Talwar				
	Dr Shipra				
	Dr Vinay				
Batch C: Expt 5					
Expt 5: (A)To study the excitable & contractile properties in an amphibian nerve muscle preparation & demonstration of isotonic contraction (B)Effect of threshold, subthreshold & supra-threshold stimuli (C)Effect of two or more successive stimuli (Main UG Lab)	Dr RK Yadav				
	Dr Ashlesh				
	Dr Ritesh				
	Dr Pranay				
	Dr Nikhil Rani				
28-07-2015, Tue	9-10 am	Anatomy	Lecture	Locomotor system–II (Gross-IV)	Dr R Sehgal
	10 am-1 pm	Anatomy	Dissection	Pectoral region	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Mammary gland	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Pectoral region/Axilla	Faculty /Tutors
29-07-2015, Wed	9-10 am	Biochemistry	Lecture	Proteins: Introduction	Dr MR Rajeswari
	10-11am	Anatomy	Lecture	Epithelial tissue (Micro-II)	Dr R Sehgal
	11 am-1 pm	Anatomy	Dissection/ Practical	Axilla/ Epithelial tissue	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Scapula	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Axilla/ Epithelial tissue	Faculty /Tutors

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30-07-2015, Thu	9-10 am	Physiology	Lecture	Functions of RBC	Dr AK Jaryal
	10-11 am	Biochemistry	Lecture	Structural organization & conformation of proteins	Dr. M.R. Rajeswari
	11am- 12pm	Physiology	Lecture	Action potential and its propagation	Dr A Patil
	12-1pm	Physiology	Lecture	Hemoglobin, Iron metabolism & haemoglobinopathies	Dr AK Jaryal
	2-5 pm	Biochemistry	Practical	Paper chromatography	Dr. M.R. Rajeswari Dr. Ashok
31-07-2015, Fri	9-10 am	Physiology	Lecture	Destruction of red blood cell Physiological basis of jaundice	Dr AK Jaryal
	10-11 am	Biochemistry	Lecture	Methods of studying proteins, concept and application of proteomics	Dr. M.R. Rajeswari
	11 am-1 pm	Biochemistry	Tutorial (PBL II)	Hemoglobin structure and functions	Dr. Archana Singh-2 Dr. Archana Singh-1 Dr. Amarpreet & all residents
	2-3 pm	Physiology	Lecture	Neuromuscular transmission	Dr A Patil
	3-4 pm	Physiology	Tutorial	Haematology	Dr AK Jaryal
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
01-08-2015, Sat	9-10 am	Biochemistry	Lecture	Plasma proteins :Classification and function	Dr Archana Singh-2
	10-11 am	Anatomy	Lecture	Gametogenesis and fertilization (Embryo-I)	Dr P Dhar
	10 am - 1 pm	Anatomy	Dissection	Axilla	Faculty /Tutors
CREST – ORIENTATION PROGRAM 3rd - 13th August, 2015					
14-08-2015, Fri	9-10 am	Physiology	Lecture	Classification and physiological basis of anemia	Dr AK Jaryal
	10-11am	Biochemistry	Lecture	Revision	Dr MR Rajeswari
	11 am-1 pm	Biochemistry	Tutorial	Revision	Dr S Sen
	2-3 pm	Physiology	Lecture	Applied aspects of neuromuscular transmission	Dr A Patil
	3-4 pm	Physiology	Lecture	Physiological basis of investigations for anemia and jaundice	Dr AK Jaryal
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
17-08-2015, Mon	9-10 am	Physiology	Lecture	Granulopoiesis: Principles and regulation	Dr AK Jaryal
	10am -5pm	Physiology	Practical	Batch A:Expt 3 and 4	
				Batch B:Expt 5	
Batch C:Expt 1and 2					
18-08-2015, Tue	9-10 am	Anatomy	Lecture	Axilla (Gross-V)	Dr S Singh
	10 am-1 pm	Anatomy	Dissection	Axilla/Back	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Brachial plexus	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Back	Faculty /Tutors

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19-08-2015, Wed	9-10 am	Biochemistry	Lecture	Hemoglobin: Structure and function	Dr Archana Singh-2
	10-11 am	Anatomy	Lecture	Connective tissue –I (Micro –III)	Dr R Dada
	11 am-1 pm	Anatomy	Dissection/ Practical	Back /Connective tissue	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Humerus	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Back / Connective tissue	Faculty /Tutors
20-08-2015, Thu	9-10 am	Physiology	Lecture	Function and fate of white blood cells	Dr AK Jaryal
	10-11am	Biochemistry	Lecture	Hemoglobin contd.	Dr Archana Singh-2
	11am- 12pm	Physiology	Lecture	Introduction to muscle: Structural and functional relationship	Dr A Patil
	12-1 pm	Physiology	Tutorial	Nerve- Muscle Physiology	Dr A Patil
	2-5 pm	Biochemistry	Practical	Estimation of serum proteins, A:G Ratio	Dr Archana Singh-2 Dr Vincent Dr Amarpreet
21-08-2015, Fri	9-10 am	Physiology	Lecture	Physiology of immune system: innate immunity	Dr AK Jaryal
	10-11 am	Biochemistry	Lecture	Enzymes: Introduction, classification and nomenclature	Dr Jayanth Kumar
	11 am-1 pm	Biochemistry	Tutorial (PBL-II contd)	Hemoglobin structure and functions	Dr Archana Singh-2 Dr Archana Singh-1 Dr Amarpreet and all residents
	2-3 pm	Physiology	Lecture	Excitation-contraction coupling	Dr A Patil
	3-4 pm	Physiology	Lecture	Physiology of immune system: adaptive immunity	Dr AK Jaryal
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
22-08-2015, Sat	9-10 am	Anatomy	Lecture	Introduction to Nervous system (Gross-VI)	Dr S B Ray
	10am-1 pm	Anatomy	Dissection	Scapular region	Faculty /Tutors
24-08-2015, Mon	9-10 am	Physiology	Lecture	Development, functions and fate of platelets	Dr AK Jaryal
	10am -5pm		Practical	Batch A:Expt 5	
				Batch B:Expt 1 and 2	
Batch C:Expt 3 and 4					
25-08-2015, Tue	9-10 am	Anatomy	Lecture	Implantation (Embryo –II)	Dr R Dhingra
	10 am-1 pm	Anatomy	Dissection	Scapular region	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Revision of Clavicle, Scapula and Humerus	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Shoulder region	Faculty /Tutors
26-08-2015, Wed	9-10 am	Biochemistry	Lecture	Principles of enzymatic catalysis	Dr. Jayanth Kumar
	10-11am	Anatomy	Lecture	Connective tissue –II (Micro –IV)	Dr R Dada
	11 am-1 pm	Anatomy	Dissection/ Practical	Shoulder region & sternoclavicular joint/ Connective tissue	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Radius	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Shoulder region & sternoclavicular joint/ Connective tissue	Faculty /Tutors

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27-08-2015, Thu	9-10 am	Physiology	Lecture	Energetic of nerve and muscle: Work physiology	Dr A Patil
	10-11am	Biochemistry	Lecture	Enzyme- substrate interactions	Dr. Jayanth Kumar
	11 am- 12 pm	Physiology	Lecture	Injury and repair in nerve and muscle	Dr A Patil
	12-1 pm	Physiology	Tutorial	Hematology	Dr AK Jaryal
	2-5 pm	Biochemistry	Practical	Estimation of amylase activity	Dr. Jayanth Kumar Dr. Ramachandran Dr. Ashok
28-08-2015, Fri	9-10 am	Physiology	Lecture	Physiology of smooth muscle I	Dr A Patil
	10-11 am	Biochemistry	Lecture	Enzyme kinetics	Dr. Jayanth Kumar
	11 am-1 pm	Biochemistry	Tutorial	Iron metabolism and heme synthesis	Dr. Archana Singh-2
	2-3 pm	Physiology	Lecture	Hemostasis and pathophysiology of Thrombosis	Dr AK Jaryal
	3-4 pm	Physiology	Lecture	Physiology of smooth muscle-II	Dr A Patil
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
29-08-2015, Sat	9-10 am	Biochemistry	Lecture	Enzyme kinetics	Dr. Jayanth Kumar
	10-11 am	Anatomy	Lecture	First three weeks of development (Embryo –III)	Dr S B Ray
	10 am - 1 pm	Anatomy	Dissection	Detachment of upper limb and shoulder joint	Faculty /Tutors
31-08-2015, Mon	9-10 am	Physiology	Lecture	Introduction to gastrointestinal physiology: General organisation of gastrointestinal function	Dr D Ghosh
	10am -5pm	Physiology	Practical	Batch A: Expt 6 and 7	
				Expt 6:Study of human fatigue using: (a) Mosso's ergograph (b) Handgrip dynamometer (Main UG lab)	Dr AK Jaryal
					Dr Suriya
					Dr Nikhil Rani
					Dr Saritha
				Expt 7:Study of work performed by skeletal muscle using amphibian nerve muscle preparation under (a) free loading and (b) after loading conditions (Main UG lab)	Dr S Jain
					Dr Akanksha
					Dr Pranay
					Dr Bhawna
				Batch B: Expt 8 and 9	
				Expt 8: Determination of eosinophil count. Determination of reticulocyte count. (Side UG Lab)	Dr N Mehta
					Dr Shipra
					Dr Rupali
Expt 9: Platelet count (Main UG lab)	Dr R Sharma				
	Dr Ritesh				
	Dr Vinay				
Batch C: Expt 10 & 11					
Expt 10:Determination of prothrombin time, bleeding time, clotting time and blood groups. (Inner UG Lab)	Dr KP Kochhar				
	Dr Anita				
	Dr Vinit				
	Dr Saritha				
Expt 11:Differential leukocyte count (Main UG Lab)	Dr D Ghosh				
	Dr Ashlesh				
	Dr Sudha				

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01-09-2015, Tue	9-10 am	Anatomy	Lecture	Shoulder joint (Gross-VII)	Dr S Kaler
	10 am-1 pm	Anatomy	Dissection	Shoulder joint & shoulder girdle	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Shoulder joint	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Front of arm	Faculty /Tutors
02-09-2015, Wed	9-10 am	Biochemistry	Lecture	Regulation of enzyme activity	Dr. Jayanth Kumar
	10-11am	Anatomy	Lecture	Muscular tissue (Micro –V)	Dr T G Jacob
	11 am-1 pm	Anatomy	Dissection/ Practical	Front of arm/ Muscular tissue	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Ulna	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Front of arm/ Muscular tissue	Faculty /Tutors
03-09-2015, Thu	9-10 am	Physiology	Lecture	Salivary secretion and role of oral cavity and esophagus in gastrointestinal functions	Dr D Ghosh
	10-11 am	Biochemistry	Lecture	Heme synthesis / Porphyria	Dr. Archana Singh-2
	11 am- 12 pm	Physiology	Lecture	Gastric secretions and its regulation	Dr D Ghosh
	12-1 pm	Physiology	Tutorial	Nerve – muscle physiology	Dr A Patil
	2-5 pm	Biochemistry	Practical	Effect of pH and EDTA on amylase activity	Dr. Jayanth Kumar Dr. Vijayalaxmi Dr. Nimisha
04-09-2015, Fri	9-10 am	Physiology	Lecture	Motor functions of the stomach	Dr D Ghosh
	10-11 am	Biochemistry	Lecture	Isoenzymes; enzymes in clinical practice	Dr. Archana Singh-1 / New Faculty
	11 am-1 pm	Biochemistry	Tutorial (Small group discussion)	Enzymes	Dr. Jayanth Kumar & all residents
	2-3 pm	Physiology	Lecture	Blood groups, physiological basis of blood transfusion and its reactions	Dr AK Jaryal
	3-4 pm	Physiology	Tutorial	Gastrointestinal Physiology	Dr D Ghosh
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
07-09-2015, Mon	9-10 am	Physiology	Lecture	Biliary secretions, its regulation and liver function tests	Dr D Ghosh
	10am -5pm	Physiology	Practical	Batch A:Expt 8 and 9	
				Batch B:Expt 10 and 11	
Batch C:Expt 6 and 7					
08-09-2015, Tue	9-10 am	Anatomy	Lecture	Embryonic period (Embryo –IV)	Dr S B Ray
	10 am-1 pm	Anatomy	Dissection	Cubital fossa	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Skeleton of Hand -I	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Cubital fossa/ Back of arm	Faculty /Tutors
09-09-2015, Wed	9-10 am	Biochemistry	Lecture	Application of enzymes and drug designing	Dr Hari Prasad
	10-11am	Anatomy	Lecture	Neuron, neuroglia and nerves (Micro- VI)	Dr T C Nag
	11 am-1 pm	Anatomy	Dissection/ Practical	Front of forearm / Neuron, neuroglia and nerves	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Skeleton of Hand -II	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Front of forearm / Neuron, neuroglia and nerves	Faculty /Tutors

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10-09-2015, Thu	9-10 am	Physiology	Lecture	Pancreatic secretions and its regulation	Dr D Ghosh
	10-11 am	Biochemistry	Lecture	Carbohydrate-chemistry and function	Dr. Archna Singh-1 / New Faculty
	11 am- 12 pm	Physiology	Lecture	Small intestinal secretion and motility	Dr D Ghosh
	12-1 pm	Physiology	Tutorial	Hematology	Dr AK Jaryal
	2-5 pm	Biochemistry	Practical	Estimation of LDH activity	Dr. Archna Singh-1 Dr. Ambrish Dr. Dinesh
11-09-2015, Fri	9-10 am	Physiology	Lecture	Neurohumoral regulation of GIT	Dr D Ghosh
	10-11 am	Biochemistry	Lecture	Complex carbohydrates	Dr. Archna Singh-1 / New Faculty
	11 am-1 pm	Biochemistry	Tutorial	Introduction to metabolism, Pathway of glucose metabolism, the glycolytic pathway	Dr. P. Chattopadhyay
	2-3 pm	Physiology	Lecture	Applied aspects: upper GI tract	Dr D Ghosh
	3-4 pm	Physiology	UG Seminar	Hematology	Dr AK Jaryal
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
12-09-2015, Sat	9-10 am	Biochemistry	Lecture	Glycolytic pathway contd.	Dr. P. Chattopadhyay
	10-11 am	Anatomy	Lecture	Placenta (Embryo –V)	Dr R Dhingra
	10 am - 1 pm	Anatomy	Dissection	Front of forearm and palm	Faculty /Tutors
14-09-2015, Mon	9-10 am	Physiology	Lecture	Digestion and absorption in GIT- I	Dr D Ghosh
	10am -5pm	Physiology	Practical	Batch A:Expt 10 and 11	
				Batch B:Expt 6 and 7	
Batch C:Expt 8 and 9					
15-09-2015, Tue	9-10 am	Anatomy	Lecture	Hand (Gross-VIII)	Dr N Rani
	10 am-1 pm	Anatomy	Dissection	Palm	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Radiology of upper limb	Dr Manisha Jana Department of Radiology
	3-5 pm	Anatomy	Dissection	Palm	Faculty /Tutors
Cultural Week (16th - 22nd September 2015)					
23-09-2015, Wed	9-10 am	Biochemistry	Lecture	Regulation of glycolysis	Dr. P. Chattopadhyay
	10-11am	Anatomy	Lecture	Development of body form and age determination (Embryo-VI)	Dr P Dhar
	11 am-1 pm	Anatomy	Dissection/ Practical	Back of forearm & dorsum of hand/ Embryo practical-I	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Surface anatomy of upper limb	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Back of forearm & dorsum of hand/ Embryo practical-I	Faculty /Tutors
24-09-2015, Thu	9-10 am	Physiology	Lecture	Physiology of colon and applied aspects	Dr D Ghosh
	10-11 am	Biochemistry	Lecture	Gluconeogenesis	Dr. P. Chattopadhyay
	11 am- 12 pm	Physiology	Lecture	Digestion and absorption in GIT – II	Dr D Ghosh
	12-1 pm	Physiology	Quiz	Quiz: NM Physiology	Dr A Patil
	2-5 pm	Biochemistry	Practical	Serum protein electrophoresis	Dr. S. Sen Dr. Anurag Dr. Nimisha

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25th September: INSTITUTE DAY/id-ul-zoha					
26-09-2015, Sat	9-10 am	Biochemistry	Lecture	Co-ordinated regulation of glycolysis and gluconeogenesis	Dr. P. Chattopadhyay
	10-11 am	Anatomy	Lecture	Nerves and nerve lesions of upper limb (Gross-IX)	Dr S Singh
	11 am - 1 pm	Anatomy	Dissection	Back of forearm & dorsum of hand	Faculty /Tutors
28-09-2015, Mon	9-10 am	Physiology	Mini PBL	Motility of colon	Dr D Ghosh
	10am -5pm	Physiology	Practical	Revision	
29-09-2015, Tue	9-10 am	Anatomy	Lecture	Pattern of single gene inheritance (Genetics-I)	Dr A Sharma
	10 am-1 pm	Anatomy	Dissection	Elbow & wrist joint and joints of hand	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	How to prepare for mid-semester exam	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Elbow & wrist joint and joints of hand	Faculty /Tutors
30-09-2015, Wed	9-10 am	Biochemistry	Lecture	Revision	Dr. P. Chattopadhyay
	10-11am	Anatomy	Lecture	Non-Mendelian pattern of inheritance (Genetics –II)	Dr A Sharma
	11 am-1 pm	Anatomy	Revision	Gross Anatomy/ Microanatomy/Embryology	Faculty /Tutors
	2-5 pm	Anatomy	Revision	Gross Anatomy/ Microanatomy/Embryology	Faculty /Tutors
FIRST MID SEMESTER EXAMINATION: 1st to 13th October, 2015					
14.10.15, Wed	9-10 am	Biochemistry	Lecture	Introduction to glycogen metabolism: Glycogenesis & Glycogenolysis	Dr.S.Sen
	10-11 am	Anatomy	Lecture	Exocrine glands (Micro-VII)	Dr T C Nag
	11am- 1pm	Anatomy	Dissection/ Practical	Thoracic wall/ Exocrine glands	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Sternum	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Thoracic wall/ Exocrine glands	Faculty /Tutors
15-10-2015, Thu	9-10 am	Physiology	Lecture	Introduction to respiratory system and functional anatomy of respiratory system	Dr R Bhatia
	10-11 am	Biochemistry	Lecture	Glycogenesis, glycogenolysis and their regulation	Dr. S.Sen
	11 am- 1 pm	Physiology	Film show	Film show	
	2-5 pm	Biochemistry	Practical	Blood Glucose	Dr. Pradeep Dr. Amarpreet
16-10-2015, Fri	9-10 am	Physiology	Lecture	Introduction, Functional anatomy of heart	Dr R Sharma
	10-11 am	Biochemistry	Lecture	Galactose and fructose metabolism	Dr. K.Luthra
	11am- 1pm	Biochemistry	Tutorial	Glycogen storage diseases (Clinical case discussion)	Dr. S. Sen & Residents
	2-3 pm	Physiology	Lecture	Properties of cardiac muscle	Dr R Sharma
	3-4 pm	Physiology	Lecture	Feedback of I Mid-semester examination	Dr A Patil and all residents
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty

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17-10-2015, Sat	9-10 am	Anatomy	Lecture	Thoracic wall (Gross-X)	Dr S Kaler		
	10 am - 1 pm	Anatomy	Dissection	Thoracic wall	Faculty /Tutors		
19-10-2015, Mon	9-10 am	Physiology	Lecture	Action potential and spread of impulse in the heart	Dr R Sharma		
				Batch A: Expt 12 and 13			
	10am -5pm	Physiology	Practical		Expt 12:Study of the factors controlling ionotropic and chronotropic functions in isolated and perfused amphibian heart preparation (Main UG Lab)	Dr S Kaur	
						Dr Suriya	
						Dr Bhawna	
						Dr Sudha	
						Dr Vinit	
					Expt 13: (a) Recording of isometric contraction.* (b)Length – tension relationship* (* Demonstration experiments) (Mammalian Lab)	Dr R Bhatia	
						Dr Ritesh	
						Dr Vinay	
						Batch B: Expt 14 and 15	
						Expt 14:Clinical examination of respiratory system. (Side UG Lab)	Dr A Patil
	SR						
	Expt 15:Spirometry: Determination of various lung volumes; capacities, timed vital capacity and maximum	Dr Pranay					
Dr A Talwar							
Dr Ashlesh							
Expt 16:Determination of blood pressure in a human subject (Inner UG Lab)	Dr Nikhil Rani						
	Batch C: Expt 16 and 17						
	Dr RK Yadav						
Expt 17:Clinical examination of CVS (Demo room)	Dr Akanksha						
	Dr Rupali						
				Dr AK Jaryal			
				Dr Shipra			
				Dr Saritha			
20-10-2015, Tue	9-10 am	Anatomy	Lecture	Pleura and Lungs (Gross-XI)	Dr S Kaler		
	10 am-1 pm	Anatomy	Dissection	Thoracic wall	Faculty /Tutors		
	2-3 pm	Anatomy	Demonstration	Ribs	Faculty /Tutors		
	3-5 pm	Anatomy	Dissection	Pleura and Lungs	Faculty /Tutors		
21-10-2015, Wed	9-10 am	Biochemistry	Lecture	Regulation of blood glucose	Dr. K.Luthra		
	10-11am	Anatomy	Lecture	Lymphoid tissue (Micro-VIII)	Dr S B Ray		
	11 am-1 pm	Anatomy	Dissection/ Practical	Pleura and lungs/ Lymphoid tissue	Faculty /Tutors		
	2-3 pm	Anatomy	Demonstration	Thoracic vertebrae	Faculty /Tutors		
	3-5 pm	Anatomy	Dissection/ Practical	Pleura and lungs/ Lymphoid tissue	Faculty /Tutors		
23-10-2015, Fri	9-10 am	Physiology	Lecture	Excitation-contraction coupling in myocardium	Dr R Sharma		
	10-11 am	Biochemistry	Lecture	TCA Cycle	Dr. K. Chosdol		
	11 am -1 pm	Biochemistry	Tutorial	Clinical case discussion on carbohydrate metabolism	Dr. K. Luthra & Residents		
	2-3 pm	Physiology	Lecture	Mechanics of respiration	Dr R Bhatia		
	3-4 pm	Physiology	Lecture	Electrocardiography	Dr R Sharma		
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty		
26-10-2015, Mon	9-10 am	Physiology	Lecture	Composition of respired air and pulmonary ventilation	Dr R Bhatia		
	10am -5pm	Physiology	Practical	Batch A:Expt 16 and 17			
				Batch B:Expt 12 and 13			
Batch C:Expt 14 and 15							

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27-10-2015, Tue	9-10 am	Anatomy	Lecture	Skin and nerve end organs (Micro- IX)	Dr T G Jacob
	10 am-1 pm	Anatomy	Dissection/ Practical	External features of lungs/ Skin & nerve end organs	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Broncho-pulmonary segments	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	External features of lungs/ Skin & nerve end organs	Faculty /Tutors
28-10-2015, Wed	9-10 am	Biochemistry	Lecture	Electron transport chain, ATP synthesis	Dr. K. Chosdol
	10-11am	Anatomy	Lecture	Respiratory system (Micro –IX)	Dr T G Jacob
	11 am-1 pm	Anatomy	Dissection/ Practical	External features of lungs/ Respiratory System	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Heart	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	External features of lungs/ Respiratory System	Faculty /Tutors
29-10-2015, Thu	9-10 am	Physiology	Lecture	Lung volumes, capacities and assisted ventilation	Dr R Bhatia
	10-11 am	Biochemistry	Lecture	The TCA cycle as a metabolic hub	Dr. K. Chosdol
	11 am- 12 pm	Physiology	Lecture	Functional basis of heart sounds and murmurs	Dr R Sharma
	12-1 pm	Physiology	Lecture	Exchange of gases in the lungs	Dr R Bhatia
	2-5 pm	Biochemistry	Practical	Screening tests for inborn errors of metabolism	Dr. S. S. Chauhan Dr. Dinesh
30-10-2015, Fri	9-10 am	Physiology	Lecture	Pressure changes in the heart and cardiac cycle	Dr R Sharma
	10-11 am	Biochemistry	Lecture	HMP Shunt	Dr. K. Chosdol
	11 am -1 pm	Biochemistry	Tutorial	Clinical case discussion on ETC	Dr. K. Chosdol & Residents
	2-3 pm	Physiology	Lecture	Ventilation perfusion ratio	Dr R Bhatia
	3-4 pm	Physiology	Tutorial	Cardiac Physiology	Dr R Sharma
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
31-10-2015, Sat	9-10 am	Anatomy	Lecture	Development of Coelom, body cavities & diaphragm (Embryo -VII)	Dr T S Roy
	10 am - 1 pm	Anatomy	Dissection	Mediastinum & External features of heart	Faculty /Tutors
03-11-2015, Tue	9-10 am	Anatomy	Lecture	Pericardium, External & Internal features of heart (Gross –XII)	Dr S Singh
	11 am-1 pm	Anatomy	Dissection	Mediastinum & External features of heart	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Internal features of heart	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Mediastinum & External features of heart	Faculty /Tutors
04-11-2015, Wed	9-10 am	Biochemistry	Lecture	Lipids, chemistry, classification and functions	Dr. A. Singh-1
	10-11am	Anatomy	Lecture	Development of respiratory system (Embryo –VII)	Dr R Dhingra
	11 am-1 pm	Anatomy	Dissection	Blood vessels of heart	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Surface Anatomy of thorax	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Blood vessels of heart	Faculty /Tutors

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05-11-2015, Thu	9-10 am	Physiology	Lecture	Oxygen carriage and oxygen dissociation curve	Dr R Bhatia
	10-11 am	Biochemistry	Lecture	Fatty acid oxidation	Dr. A. Singh-1
	11 am- 12 pm	Physiology	Lecture	Neural regulation of cardiac activity and cardiac reflexes	Dr R Sharma
	12-1 pm	Physiology	Tutorial	Respiratory physiology	Dr R Bhatia
	2-5 pm	Biochemistry	Practical	Inborn errors of amino acid metabolism	Dr. S.S.Chauhan and all tutors
06-11-2015, Fri	9-10 am	Physiology	Lecture	Carbon dioxide carriage	Dr R Bhatia
	10-11 am	Biochemistry	Lecture	Ketone bodies, synthesis and utilization	Dr. Archna Singh-1
	11 am - 1 pm	Biochemistry	Tutorial	Mobilization of fat from adipose tissue	Dr. Archna Singh-1
	2-3 pm	Physiology	Lecture	General principles of hemodynamics	Dr RK Yadav
	3-4 pm	Physiology	Lecture	Intrinsic regulation of cardiac activity	Dr R Sharma
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
07-11-2015, Sat	9-10 am	Biochemistry	Lecture	Biosynthesis of fatty acids and its regulation	Dr. Archna Singh-1
	10-11 am	Anatomy	Lecture	Development of Heart (Embryo -IX)	Dr P Dhar
	11 am - 1 pm	Anatomy	Dissection	Internal features and cross sections of heart	Faculty /Tutors
09-11-2015, Mon	9-10 am	Physiology	Lecture	Pulmonary function tests	Dr R Bhatia
	10am -5pm	Physiology	Practical	Batch A:Expt 14 and 15	
				Batch B:Expt 16 and 17	
Batch C:Expt12 and13					
10-11-2015, Tue	9-10 am	Anatomy	Lecture	Conducting system , blood vessels and fibrous skeleton of heart (Gross –XIII)	Dr S Singh
	10-11 am	Anatomy	Lecture	Diaphragm and mechanism of respiration (Gross – XIV)	Dr N Rani
	11 am-1 pm	Anatomy	Dissection	Internal features and cross sections of heart/ Posterior mediastinum	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	USG Thorax	Dr S K Bhoi
	3-5 pm	Anatomy	Dissection	Posterior mediastinum	Faculty /Tutors
12-11-2015, Thu	9-10 am	Physiology	Lecture	Neural and local control of circulation	Dr RK Yadav
	10-11 am	Biochemistry	Lecture	Lipoproteins, structure, functions and metabolism	Dr. Alpana Sharma
	11 am- 12 pm	Physiology	Lecture	Chemical regulation of respiration	Dr R Bhatia
	12-1 pm	Physiology	Lecture	Regulation of blood pressure, Hypertension	Dr RK Yadav
	2-5 pm	Biochemistry	Practical	Total Cholesterol	Dr. Alpana Sharma Dr. Ashok

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13-11-2015, Fri	9-10 am	Physiology	Lecture	Cardiac output: measurement and regulation	Dr R Sharma
	10-11 am	Biochemistry	Lecture	Lipoprotein metabolism and role in plasma cholesterol homeostasis	Dr. Alpana Sharma
	11 am- 1 pm	Biochemistry	Tutorial	Hyperlipoproteinemias (Case study)	Dr. Alpana Sharma & Residents
	2-3 pm	Physiology	Lecture	Neural regulation of respiration	Dr R Bhatia
	3-4 pm	Physiology	Tutorial	Vascular physiology	Dr RK Yadav
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
14-11-2015, Sat	9-10 am	Anatomy	Lecture	Autosomal and sex chromosomal abnormalities (Genetics- III)	Dr R Dada
	10 am - 1 pm	Anatomy	Dissection/ Practical	Posterior mediastinum/ Genetics practical	Faculty /Tutors
16-11-2015, Mon	9-10 am	Physiology	Lecture	Cardiovascular reflexes	Dr R Sharma
	10am -5pm	Physiology	Practical	Batch A: Expt 18	
				Expt 18: Electrocardiography (Full day experiment) (Inner UG Lab)	Dr AK Jaryal
					Dr Suriya
					Dr Vinit
					Dr Sudha
				Batch B: Expt 19 and 20	
				Expt 19:Study of neuromuscular transmission in an amphibian nerve muscle preparation: (a) phenomenon of fatigue (b) site of fatigue* (c) neuromuscular blocking* (* demonstration expts.) (Main UG lab)	Dr S Jain
					Dr Shipra
					Dr Vinay
					Dr Nikhil Rani
				Expt 20:Effect of posture on blood pressure (Side UG Lab)	Dr N Mehta
Dr Akanksha					
Dr Bhawna					
Expt 21 (Demo): a) Recording & analysis of compound action potential in amphibian nerve muscle Preparation b) Recording of strength duration curve in amphibian nerve muscle preparation c) Recording of conduction velocity in human ulnar nerve (Mammalian Lab)	Dr R Sharma				
	Dr Ritesh				
	Dr Pranay				
	Dr KP Kochhar				
Expt 22: Determination of ESR & PCV. Calculation of absolute values. Examination of bone marrow smears. (Main UG Lab)	Dr Ashlesh				
	Dr Rupali				
	Dr Saritha				
17-11-2015, Tue	9-10 am	Anatomy	Lecture	Circulatory system (Micro -X)	Dr A Shariff
	10 am-1 pm	Anatomy	Dissection/ Practical	Sectional Anatomy of Thorax/Circulatory system	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Radiology of thorax	Dr Surbhi Department of Radiology
	3-5 pm	Anatomy	Dissection/ Practical	Joints of Thorax and respiratory movements/Circulatory system	Faculty /Tutors

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18-11-2015, Wed	9-10 am	Biochemistry	Lecture	Biosynthesis of cholesterol and its regulation	Dr. Alpana Sharma
	10-11am	Anatomy	Lecture	Development of blood vessels & foetal circulation (Embryo -X)	Dr P Dhar
	11 am-1 pm	Anatomy	Dissection/ Practical	Anterior Abdominal wall & Inguinal Region/ Embryo Practical -II	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	Lumber vertebra	Faculty /Tutors
	3-5 pm	Anatomy	Dissection/ Practical	Anterior Abdominal wall & Inguinal Region/ Embryo Practical -II	Faculty /Tutors
19-11-2015, Thu	9-10 am	Physiology	Lecture	Nutrition and metabolism of the heart	Dr R Sharma
	10-11 am	Biochemistry	Lecture	Biosynthesis of phospholipids and triglycerides	Dr. Alpana Sharma
	11 am- 12 pm	Physiology	Lecture	Hypoxia, cyanosis and dyspnoea	Dr R Bhatia
	12-1 pm	Physiology	Lecture	Exercise physiology	Dr R Sharma
	2-5 pm	Biochemistry	Practical	Blood urea	Dr. S. S. Chauhan Dr. Amarpreet
20-11-2015, Fri	9-10 am	Physiology	Lecture	Physiology of capillaries and lymphatics	Dr RK Yadav
	10-11 am	Biochemistry	Lecture	Amino acid metabolism- an overview and general reactions.	Dr. S.S. Chauhan
	11-1 pm	Biochemistry	Tutorial	Interlinks of metabolic pathways, metabolic adaptations in diabetes mellitus and starvation	Dr. K. Luthra
	2-3 pm	Physiology	Lecture	Special features of coronary circulation	Dr RK Yadav
	3-4 pm	Physiology	Tutorial	Cardiac Physiology	Dr R Sharma
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
21-11-2015, Sat	9-10 am	Biochemistry	Lecture	Detoxification of ammonia, urea cycle	Dr. S. S. Chauhan
	10-11 am	Anatomy	Lecture	Anterior Abdominal wall & Inguinal Region (Gross - XVI)	Dr N Rani
	11 am - 1 pm	Anatomy	Demonstration/ Dissection	Brain & its blood vessels Meninges and external features of brain	Faculty /Tutors
23-11-2015, Mon	9-10 am	Physiology	Lecture	Special features of circulation in skeletal muscle, skin and mesentery	Dr RK Yadav
	10am -5pm	Physiology	Practical	Batch A:Expt 21 and 22	
				Batch B:Expt 18	
Batch C:Expt 19 and 20					
24-11-2015, Tue	9-10 am	Anatomy	Lecture	Meninges and external features of brain (Neuro – I)	Dr T G Jacob
	10 am-1 pm	Anatomy	Dissection	Inguinal region and male external genitalia	Faculty /Tutors
	2-3 pm	Anatomy	Demonstration	External features and blood supply of spinal cord	Faculty /Tutors
	3-5 pm	Anatomy	Dissection	Peritoneum and Recesses	Faculty /Tutors

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26-11-2015, Thu	9-10 am	Physiology	Lecture	Special features of cerebral circulation	Dr RK Yadav
	10-11 am	Biochemistry	Lecture	Sulphur containing amino acids and homocysteinemia	Dr. S. S. Chauhan
	11 am- 12 pm	Physiology	Lecture	Special features of pulmonary circulation	Dr R Bhatia
	12-1 pm	Physiology	Tutorial	Vascular physiology	Dr RK Yadav
	2-5 pm	Biochemistry	Practical	Revision practical	All tutors
27-11-2015, Fri	9-10 am	Physiology	Lecture	Special features of circulation in fetus and neonate	Dr RK Yadav
	10-11 am	Biochemistry	Lecture	Prostaglandins	Dr. S. Sen
	11 am - 1 pm	Biochemistry	Tutorial	Revision	Dr. A. Singh-1
	2-3 pm	Physiology	Lecture	Pathophysiology of circulatory shock and cardiac failure	Dr RK Yadav
	3-4 pm	Physiology	Tutorial	Respiratory physiology	Dr R Bhatia
	4-5 pm	P/A/B	Remedial Classes	English/Hindi communication	Concerned Faculty
28-11-2015, Sat	9-10 am	Anatomy	Lecture	Spinal cord and its blood vessels (Neuro – II)	Dr S B Ray
	10 am - 1 pm	Anatomy	Dissection	Surgical Anatomy of Anterior Abdominal wall & Inguinal region (iTLA)/ Revision	Dr A Srivastava Deptt. of Surgery Faculty /Tutors
30-11-2015, Mon	9-10am	Physiology	Lecture	Integrative Physiology of Cardiovascular and Respiratory systems.	Dr R Sharma Dr RK Yadav Dr R Bhatia
	10am -5pm	Physiology	Practical	Batch A:Expt 19 and 20	
				Batch B:Expt 21 and 22	
Batch C:Expt 18					
FIRST END SEMESTER EXAMINATION: 1 to 11 December, 2015/ SUPPLEMENTARY EXAMINATION (2nd week of January 2016)					