

Pt. JAWAHARLAL NEHRU GOVT. MEDICAL COLLEGE & HOSPITAL, CHAMBA

DEPARTMENT OF PHYSIOLOGY

Ref No. - Pt.JLNGMCH/PHY/ 2022/

Date: 16-07-2022

To,
The Principal
Pt. JLNGMCH,
Chamba

Subject: Regarding submission of documents for NMC purpose.

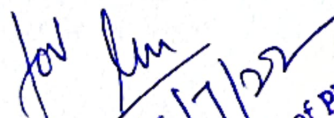
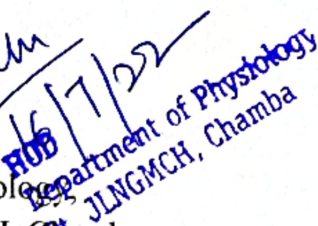
Respected Sir,

As per official communication, we have emailed signed and scanned copy of teaching roster of one year for the Department of Physiology. No research publication/ CME program has been conducted in the Department during last one year.

This is for your information and necessary action.

Thanking you,

Yours sincerely,


Prof & Head
Dept of Physiology
Pt. JLNGMCH, Chamba


Department of Physiology

Jawahar Lal Nehru Government Medical College and Hospital, Chamba

DATE	DAY	TIME	Competency No	Competency	T/L METHOD	Integration	Faculty
15/02/2022	TUESDAY	10-11 AM		INTRODUCTION TO PHYSIOLOGY	L		Dr Rajneet
17/02/2022	THURSDAY	9-10 AM	PY 1.1	Describe the structure and functions of a mammalian cell	L		Dr Rajneet
19/02/2022	SATURDAY	12-1 AM	PY 2.1	Describe the composition and functions of blood components	L		Dr Amit
21/02/2022	MONDAY	9-10 AM	PY 2.2	Discuss the origin, forms, variations and functions of plasma proteins	L		Dr Amit
22/02/2022	TUESDAY	10-11 AM	PY 1.2	Describe and discuss the principles of homeostasis.	L		Dr Rajneet
23/02/2022	WEDNESDAY	11-01 PM	PY 2.3	Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown.	L		Dr Amit
24/02/2022	THURSDAY	09-10 AM	PY 1.5	Describe variants of haemoglobin			
26/02/2022	SATURDAY	12-01 PM	PY 2.3	Describe and discuss transport mechanisms across cell membrane	L		Dr Rajneet
28/02/2022	MONDAY	09-10 AM	PY 1.5	Describe and discuss the synthesis and functions of Haemoglobin and explain its breakdown.	L		Dr Amit
02/03/2022	WEDNESDAY	11-01 PM	PY 2.3	Describe variants of haemoglobin	L		Dr Rajneet
03/03/2022	THURSDAY	09-10 AM	PY 1.5	Describe and discuss transport mechanisms across cell membrane	L		Dr Amit

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Department of Physiology
Pt. JUNGMOH. Chamba

					across cell membrane			Dr Armit
			PY2.4		Describe RBC formation (erythropoiesis & its regulation) and its functions	L		Dr Armit
								Dr Rajneet
05/03/2022	Saturday	12-01 PM	PY 1.3	Describe intercellular communication.	L			Dr Rajneet
07/03/2022	Monday	09-10 AM	PY2.4	Describe RBC formation (erythropoiesis & its regulation) and its functions	L / SGD			Dr Armit
08/03/2022	Tuesday	10-11 AM	PY 1.4	Describe apoptosis – programmed cell death	L	Pathology(V)		Dr Rajneet
09/03/2022	Wednesday	11-01 PM	PY2.5	Describe different types of anaemias & jaundice	L	Pathology (V)		Dr Armit
			PY 1.6	Describe the fluid compartments of the body, its ionic composition & measurements	L			Dr Rajneet
10/03/2022	Thursday	09-10 AM	PY2.5	Describe different types of anaemias & jaundice	L			Dr Armit
12/03/2022	Saturday	12-01 PM	PY 1.6	Describe the fluid compartments of the body, its ionic composition & measurements	L			Dr Rajneet
14/03/2022	Monday	09-10 AM	PY2.5	Describe different types of anaemias & jaundice	SGD			All Faculty
15/03/2022	Tuesday	10-11 AM	PY 1.7	Describe the concept of pH & Buffer systems in the body	L	Biochemistry (H)		Dr Rajneet
16/03/2022	Wednesday	11-01 PM	PY2.6	Describe WBC formation (granulopoiesis) and its regulation	L			Dr Armit
17/03/2022	Thursday	09-10 Am	PY 1.8	Describe and discuss the molecular basis of resting membrane potential and action potential in excitable tissues	L			Dr Rajneet
19/03/2022	Saturday	12-01 PM	PY2.7	Describe the formation of platelets, functions and variations.	L			Dr Armit
21/03/2022	Monday	09-10 AM	PY 1.9	Demonstrate the ability to describe and discuss the methods used to demonstrate the functions of the cells and its products, its communications and their applications in Clinical care and research.	SGD			All Faculty
22/03/2022	Tuesday	10-11 AM	PY2.7	Describe the formation of platelets, functions and variations.	L			Dr Armit
23/03/2022	Wednesday	11-01 PM	PY3.1	Describe the structure and functions of a neuron and neuroglia; Discuss Nerve Growth Factor & other growth factors/cytokines	L	Anatomy (H)		Dr Rajneet

24/03/2022	Thursday	09-10 Am	PY2.8	Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)	L		Dr Amit
26/03/2022	Saturday	12-01 PM	PY3.2	Describe the types, functions & properties of nerve fibers	L		Dr Rajneet
28/03/2022	Monday	09-10 AM	PY2.8	Describe the physiological basis of hemostasis and, anticoagulants. Describe bleeding & clotting disorders (Hemophilia, purpura)	SGD		All Faculty
29/03/2022	Tuesday	10-11 AM	PY3.3	Describe the degeneration and regeneration in peripheral nerves	L		Dr Rajneet
30/03/2022	Wednesday	11-01 PM	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	L		Dr Amit
31/03/2022	Thursday	09-10 Am	PY3.4	Describe the structure of neuro-muscular junction and transmission of impulses	L	Anaesthesia (V)	Dr Rajneet
02/04/2022	Saturday	12-01 PM	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	L		Dr Amit
04/04/2022	Monday	09-10 AM	PY3.5	Discuss the action of neuromuscular blocking agents	SGD	Pharmacology / Anaesthesia (V)	Dr Rajneet
05/04/2022	Tuesday	10-11 AM	PY2.9	Describe different blood groups and discuss the clinical importance of blood grouping, blood banking and transfusion	SGD		All Faculty
06/04/2022	Wednesday	11-01 PM	PY3.6	Describe the pathophysiology of Myasthenia gravis	L		Dr Rajneet
07/04/2022	Thursday	09-10 Am	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulation	L		Dr Randeep
09/04/2022	Saturday	12-01 PM	PY3.7 / PY 3.8	Describe the different types of muscle fibres and their structure / Describe action potential and its properties in different muscle types (skeletal & smooth)	L	Anatomy (H)	Dr Randeep
11/04/2022	Monday	09-10 AM	PY2.10	Define and classify different types of immunity.	L		Dr Randeep

				Describe the development of immunity and its regulation				Dr Randeep
12/04/2022	Tuesday	10-11 AM	PY3.9	Describe the molecular basis of muscle contraction in skeletal and in smooth muscles	L			
13/04/2022	Wednesday	11-01 PM	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulation	SGD			All Faculty
16/04/2022	Saturday	12-01 PM	PY3.10 / 3.11	Describe the mode of muscle contraction (isometric and isotonic) / Explain energy source and muscle metabolism	L	PY 3.11 Biochemist ry (H)		Dr Randeep
18/04/2022	Monday	09-10 AM	PY2.10	Define and classify different types of immunity. Describe the development of immunity and its regulation	L			Dr Randeep
19/04/2022	Tuesday	10-11 AM	PY3.12 / 3.13	Explain the gradation of muscular activity / Describe muscular dystrophy: myopathies	L	Medicine (V)		Dr Randeep
20/04/2022	Wednesday	11-01 PM	PY3.17 / 3/18	Describe Strength-duration curve / Amphibian experiments	L			Dr Randeep
21/04/2022	Thursday	09-10 AM	PY10.5	Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	L			Dr Amit
23/04/2022	Saturday	12-01 PM	PY10.5	Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	L			Dr Amit
25/04/2022	Monday	09-10 AM	PY10.5	Describe and discuss structure and functions of reticular activating system, autonomic nervous system (ANS)	L			Dr Amit
26/04/2022	Tuesday	10-11 AM	PY4.1	Describe the structure and functions of digestive system	L			Dr Rajneet
27/04/2022	Wednesday	11-01 PM	PY5.1	Describe the functional anatomy of heart including chambers, sounds, and Pacemaker tissue and conducting system.	L	Anatomy (H)		Dr Randeep
28/04/2022	Thursday	09-10 AM	PY4.2	Describe the composition, mechanism of secretion, functions, and regulation of saliva,	L			Dr Rajneet

				gastric, pancreatic, intestinal juices and bile secretion				Dr Rajneet
30/04/2022	Saturday	12-01 PM	PY4.2	Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	L			Dr Rajneet
02/05/2022	Monday	09-10 AM	PY4.2	Describe the composition, mechanism of secretion, functions, and regulation of saliva, gastric, pancreatic, intestinal juices and bile secretion	SGD			All Faculty
04/05/2022	Wednesday	11-01 PM	PY5.2	Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	L			Dr Randeep
05/05/2022	Thursday	09-10 Am	PY4.3	Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	L			Dr Rajneet
07/05/2022	Saturday	12-01 PM	PY5.2	Describe the properties of cardiac muscle including its morphology, electrical, mechanical and metabolic functions	SGD			Dr Randeep
09/05/2022	Monday	09-10 AM	PY4.3	Describe GIT movements, regulation and functions. Describe defecation reflex. Explain role of dietary fibre.	SGD			Dr Rajneet
10/05/2022	Tuesday	10-11 AM	PY5.3	Discuss the events occurring during the cardiac cycle	L			Dr Randeep
11/05/2022	Wednesday	11-01 PM	PY4.4	Describe the physiology of digestion and absorption of nutrients	L	Biochemistry (H)		Dr Rajneet
12/05/2022	Thursday	09-10 Am	PY5.4	Describe generation, conduction of cardiac impulse	L			Dr Randeep
14/05/2022	Saturday	12-01 PM	PY4.4	Describe the physiology of digestion and absorption of nutrients	L			Dr Rajneet
17/05/2022	Tuesday	10-11 AM	PY5.5	Describe the physiology of electrocardiogram (ECG), its application and cardiac axis	L			Dr Randeep
18/05/2022	Wednesday	11-01 PM	PY4.5	Describe the source of GIT hormones, their regulation and function	L			Dr Rajneet

19/05/2022	Thursday	09-10 Am	PY5.5	Describe the physiology of electrocardiogram (ECG), its application and cardiac axis	SGD	Medicine (V)	All Faculty
21/05/2022	Saturday	12-01 PM	PY4.6	Describe the Gut-Brain Axis	L		Dr Rajneet

First Term Examination From 23/05/22 till 28/05/22

30/05/2022	Monday	09-10 AM	PY5.6	Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction	L	Medicine (V)	Dr Randeep
31/05/2022	Tuesday	10-11 AM	PY4.7	Describe & discuss the structure and functions of liver and gall bladder	L		Dr Rajneet
01/06/2022	Wednesday	11-01 PM	PY5.6	Describe abnormal ECG, arrhythmias, heart block and myocardial Infarction	ECE		All Faculty
04/06/2022	Saturday	12-01 PM	PY4.7	Describe & discuss the structure and functions of liver and gall bladder	L	Biochemistry(H)	Dr Rajneet
06/06/2022	Monday	09-10 AM	PY5.7	Describe and discuss haemodynamics of circulatory system	L		Dr Rajneet
07/06/2022	Tuesday	10-11 AM	PY4.8	Describe & discuss gastric function tests, pancreatic exocrine function tests & liver function tests	L	Biochemistry (H)	Dr Rajneet
08/06/2022	Wednesday	11-01 PM	PY5.7	Describe and discuss haemodynamics of circulatory system	ECE		All Faculty
09/06/2022	Thursday	09-10 AM	PY4.9	Discuss the physiology aspects of: peptic ulcer, gastro-oesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	L		Dr Rajneet
11/06/2022	Saturday	12-01 PM	PY5.8	Describe and discuss local and systemic cardiovascular regulatory mechanisms	L		Dr Randeep
13/06/2022	Monday	09-10 AM	PY4.9	Discuss the physiology aspects of: peptic ulcer, gastro-oesophageal reflux disease, vomiting, diarrhoea, constipation, Adynamic ileus, Hirschsprung's disease	L/SGD	Medicine (V)	Dr Rajneet
15/06/2022	Wednesday	11-01 PM	PY5.8	Describe and discuss local and systemic cardiovascular regulatory mechanisms	L/SGD		Dr Randeep

16/06/2022	Thursday	09-10 Am	PV6.1	Describe the functional anatomy of respiratory tract	L		Dr Amit
18/06/2022	Saturday	12-01 PM	PV5.9	Describe the factors affecting heart rate, regulation of cardiac output & blood pressure	L		Dr Randeep
20/06/2022	Monday	09-10 AM	PV6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs			Dr Amit
21/06/2022	Tuesday	10-11 AM	PV5.9	Describe the factors affecting heart rate, regulation of cardiac output & blood pressure	L		Dr Randeep
22/06/2022	Wednesday	11-01 PM		Anemias	ECE		
23/06/2022	Thursday	09-10 Am	PV6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	L		Dr Amit
25/06/2022	Saturday	12-01 PM	PV5.9	Describe the factors affecting heart rate, regulation of cardiac output & blood pressure	L		Dr Randeep
27/06/2022	Monday	09-10 AM	PV6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	L		Dr Amit
28/06/2022	Tuesday	10-11 AM	PV6.2	Describe the mechanics of normal respiration, pressure changes during ventilation, lung volume and capacities, alveolar surface tension, compliance, airway resistance, ventilation, V/P ratio, diffusion capacity of lungs	L		Dr Amit
29/06/2022	Wednesday	11-01 PM		Jaundice	ECE		All Faculty
30/06/2022	Thursday	09-10 AM	PV6.3	Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	L		Dr Amit
02/07/2022	Saturday	12-01 PM	PV5.11	Describe the patho-physiology of shock, syncope and heart failure	L		Dr Randeep

04/07/2022	Monday	09-10 AM	PY6.3	Describe and discuss the transport of respiratory gases: Oxygen and Carbon dioxide	L		Dr Amit
05/07/2022	Tuesday	10-11 AM	PY6.4	Describe and discuss the physiology of high altitude and deep sea diving	L		Dr Amit
06/07/2022	Wednesday	11-01 PM	PY5.11	Describe the patho-physiology of shock, syncope and heart failure	L		Dr Amit
07/07/2022	Thursday	09-10 AM	PY6.4	Describe and discuss the physiology of high altitude and deep sea diving	SGD		Dr Amit
09/07/2022	Saturday	12-01 PM	PY6.4	Describe and discuss the physiology of high altitude and deep sea diving			Dr Amit
11/07/2022	Monday	09-10 AM	PY6.5	Describe and discuss the principles of artificial respiration, oxygen therapy, acclimatization and decompression sickness.	L		Dr Amit
12/07/2022	Tuesday	10-11 AM	PY6.6	Describe and discuss the pathophysiology of dyspnoea, hypoxia, cyanosis asphyxia; drowning, periodic breathing	L		Dr Amit
13/07/2022	Wednesday	11-01 PM		Edema	ECE		All Faculty
14/07/2022	Thursday	09-10 AM	PY6.7	Describe and discuss lung function tests & their clinical significance	L		Dr Amit
16/07/2022	Saturday	12-01 PM	PY11.8	Discuss & compare cardiorespiratory changes in exercise (isometric and isotonic) with that in the resting state and under different environmental conditions (heat and cold)	L		Dr Randeep
18/07/2022	Monday	09-10 AM	PY11.7 /	Describe and discuss physiology of aging; free radicals and antioxidants/	L		Dr Aakash
19/07/2022	Tuesday	10-11 AM	11.12	Discuss the physiological effects of meditation			
19/07/2022	Tuesday	10-11 AM	PY10.1	Describe and discuss the organization of nervous system	L	Anatomy (H)	Dr Randeep
20/07/2022	Wednesday	11-01 PM	PY10.2	Describe and discuss the functions and properties of synapse, reflex, receptors	L		Dr Randeep
21/07/2022	Thursday	09-10 AM	PY10.2	Describe and discuss the functions and properties of synapse, reflex, receptors	L		Dr Randeep
23/07/2022	Saturday	12-01 PM	PY10.3	Describe and discuss somatic sensations & sensory tracts	L	Anatomy (H)	Dr Randeep

25/07/2022	Monday	09-10 AM	PY10.3	Describe and discuss somatic sensations & sensory tracts	L		Dr Randeep
26/07/2022	Tuesday	10-11 AM	PY10.3	Describe and discuss somatic sensations & sensory tracts	L		Dr Randeep
27/07/2022	Wednesday	11-01 PM		Parkinsons	ECE		
28/07/2022	Thursday	09-10 AM	PY10.6	Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	L		Dr Randeep
30/07/2022	Saturday	12-01 PM	PY10.7	Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	L		Dr Rajneet
01/08/2022	Monday	09-10 AM	PY10.7	Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	L		Dr Rajneet
02/08/2022	Tuesday	10-11 AM	PY10.7	Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	L		Dr Rajneet
03/08/2022	Wednesday	11-01 PM		Myasthenia Gravis	ECE		All Faculty
04/08/2022	Thursday	09-10 AM	PY10.8	Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	L		Dr Rajneet
06/08/2022	Saturday	12-01 PM	PY10.8	Describe and discuss behavioural and EEG characteristics during sleep and mechanism responsible for its production	L		Dr Rajneet
08/08/2022	Monday	09-10 AM	PY10.7	Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	L		Dr Rajneet
10/08/2022	Wednesday	11-01 PM	PY10.4	Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	L	Anatomy (H)	Dr Amit

11/08/2022	Thursday	09-10 AM	PY10.4	Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	L	Anatomy (H)	Dr Amit
13/08/2022	Saturday	12-01 PM	PY10.7	Describe and discuss functions of cerebral cortex, basal ganglia, thalamus, hypothalamus, cerebellum and limbic system and their abnormalities	L		Dr Rajneet
16/08/2022	Tuesday	10-11 AM	PY10.4	Describe and discuss motor tracts, mechanism of maintenance of tone, control of body movements, posture and equilibrium & vestibular apparatus	L	Anatomy (H)	Dr Rajneet
17/08/2022	Wednesday	11-01 PM		COPD	ECE		All Faculty
18/08/2022	Thursday	09-10 AM	PY11.6 / 11.9 / 11.10	Describe physiology of Infancy / Interpret growth charts / Interpret anthropometric assessment of infants	SGD	Pediatrics (V)	All Faculty
20/08/2022	Saturday	12-01 PM	PY10.15	Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	L	ENT (V)	Dr Amit
22/08/2022	Monday	09-10 AM	PY10.15	Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	L	ENT (V)	Dr Amit
23/08/2022	Tuesday	10-11 AM	PY10.15	Describe and discuss functional anatomy of ear and auditory pathways & physiology of hearing	L	ENT (V)	Dr Amit
24/08/2022	Wednesday	11-01 PM	PY10.13 / 10.14	Describe and discuss perception of smell and taste sensation / Describe and discuss pathophysiology of altered smell and taste sensation	L/SGD		Dr Amit
25/08/2022	Thursday	09-10 AM	PY10.16	Describe and discuss pathophysiology of deafness. Describe hearing tests	L	ENT (V)	Dr Amit
27/08/2022	Saturday	12-01 PM	PY10.17	Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex	L		Dr Amit

29/08/2022	Monday	09-10 AM	PY8.6	Describe & differentiate the mechanism of action of steroid, protein and amine hormones	L		Dr Rajneet
30/08/2022	Tuesday	10-11 AM	PY8.6	Describe & differentiate the mechanism of action of steroid, protein and amine hormones	L		Dr Rajneet
31/08/2022	Wednesday	11-01 PM	PY10.17	Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex	L	Ophthalmology (V)	Dr Amit
01/09/2022	Thursday	09-10 AM	PY9.1	Describe and discuss sex determination; sex differentiation and their abnormalities and outline psychiatry and practical implication of sex determination	L		Dr Aakash
03/09/2022	Saturday	12-01 PM	PY10.17	Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex	L	Ophthalmology (V)	Dr Amit
05/09/2022	Second term Examination						
06/09/2022							
07/09/2022							
08/09/2022							
10/09/2022							
12/09/2022	Monday	09-10 AM	PY10.17	Describe and discuss functional anatomy of eye, physiology of image formation, physiology of vision including colour vision, refractive errors, colour blindness, physiology of pupil and light reflex	L		Dr Amit
13/09/2022	Tuesday	10-11 AM	PY10.18	Describe and discuss the physiological basis of lesion in visual pathway	L		Dr Amit
14/09/2022	Wednesday	11-01 PM		Growth Hormone Disorders	ECE		All Faculty
15/09/2022	Thursday	09-10 AM	PY8.1	Describe the physiology of bone and calcium metabolism	L		Dr Amit
17/09/2022	Saturday	12-01 PM	PY8.1	Describe the physiology of bone and calcium metabolism	L		Dr Amit

19/09/2022	Monday	09-10 AM	PY8.1	Describe the physiology of bone and calcium metabolism	L		Dr Amit
20/09/2022	Tuesday	10-11 AM	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	L		Dr Amit
21/09/2022	Wednesday	11-01 PM	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	L		Dr Amit
22/09/2022	Thursday	09-10 AM	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	L		Dr Rajneet
24/09/2022	Saturday	12-01 PM	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	L		Dr Rajneet
26/09/2022	Monday	09-10 AM	PY9.3	Describe male reproductive system: functions of testis and control of spermatogenesis & factors modifying it and outline its association with psychiatric illness	L		Dr Aakash/Dr Rajneet
27/09/2022	Tuesday	10-11 AM	PY9.4	Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes	L		Dr Aakash/Dr Amit
28/09/2022	Wednesday	11-01 PM		Thyroid Disorders	ECE		All Faculty
29/09/2022	Thursday	09-10 AM	PY9.4	Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes	SGD		All Faculty
01/10/2022	Saturday	12-01 PM	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper) secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus	L		Dr Rajneet
03/10/2022	Monday	9-10 am	PY8.2	Describe the synthesis, secretion, transport, physiological actions, regulation and effect of altered (hypo and hyper)	L		Dr Amit

04/10/2022	Tuesday		PY9.5	secretion of pituitary gland, thyroid gland, parathyroid gland, adrenal gland, pancreas and hypothalamus Describe and discuss the physiological effects of sex hormones	L/SG D		All Faculty
06/10/2022	Thursday		PY9.8	Describe and discuss the physiology of pregnancy, parturition & lactation and outline the psychology and psychiatry-disorders associated with it.	L		Dr Aakash/Dr Randeep
08/10/2022	Saturday		PY9.7	Describe and discuss the effects of removal of gonads on physiological functions	L		Dr Aakash/Dr Amit
10/10/2022	Monday		PY9.9	Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results	L		Dr Aakash
11/10/2022	Tuesday		PY8.3	Describe the physiology of Thymus & Pineal Gland	L		Dr Rajneet
12/10/2022	Wednesday		PY8.4	Describe function tests: Thyroid gland; Adrenal cortex, Adrenal medulla and pancreas	L		Dr Rajneet
13/10/2022	Thursday		PY9.11	Discuss the hormonal changes and their effects during perimenopause and menopause	L		Dr Aakash
15/10/2022	Saturday		PY8.5	Describe the metabolic and endocrine consequences of obesity & metabolic syndrome, Stress response. Outline the psychiatry component pertaining to metabolic syndrome.	L		Dr Amit
17/10/2022	Monday		PY7.1	Describe structure and function of kidney	L		Dr Randeep
18/10/2022	Tuesday		PY9.10	Discuss the physiological basis of various pregnancy tests	L		Dr Aakash
19/10/2022	Wednesday			Diabetes Mellitus	ECE		All Faculty
20/10/2022	Thursday		PY7.2	Describe the structure and functions of juxta glomerular apparatus and role of rennin angiotensin system	L		Dr Randeep
22/10/2022	Saturday		PY7.2	Describe the structure and functions of juxta glomerular apparatus and role of rennin angiotensin system	L		Dr Randeep
25/10/2022	Tuesday		PY7.2	Describe the structure and functions of juxta glomerular apparatus and role of rennin angiotensin system	L		Dr Randeep

26/10/2022	Wednesday				Cushing Disease	ECE		All Faculty
27/10/2022	Thursday		PY7.3		Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L		Dr Randeep
29/10/2022	Saturday		PY7.3		Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L		Dr Randeep
31/10/2022	Monday		PY7.3		Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L		Dr Randeep
01/11/2022	Tuesday	10-11 AM	PY7.3		Describe the mechanism of urine formation involving processes of filtration, tubular reabsorption & secretion; concentration and diluting mechanism	L		Dr Randeep
02/11/2022	Wednesday	11-01 PM			Diabetes Insipidus	ECE		All Faculty
03/05/2022	Thursday	09-10 AM	PY7.4		Describe & discuss the significance & implication of Renal clearance	L		Dr Randeep
05/11/2022	Saturday	12-01 PM	PY7.5		Describe the renal regulation of fluid and electrolytes & acid-base balance	L	Biochemistry (H)	Dr Randeep
07/11/2022	Monday	09-10 AM	PY7.5		Describe the renal regulation of fluid and electrolytes & acid-base balance	L	Biochemistry (H)	Dr Randeep
09/11/2022	Wednesday	11-01 PM	PY7.6		Describe the innervations of urinary bladder, physiology of micturition and its abnormalities	L		Dr Randeep
10/11/2022	Thursday	09-10 AM	PY11.1		Describe and discuss mechanism of temperature regulation	L		Dr Aakash
12/11/2022	Saturday	12-01 PM	PY7.8		Describe & discuss Renal Function Tests	L		Dr Randeep
14/11/2022	Monday	09-10 AM	PY7.9		Describe cystometry and discuss the normal cystometrogram	L		Dr Randeep
15/11/2022	Tuesday	10-11 AM	PY11.2 /11.3		Describe and discuss adaptation to altered temperature (heat and cold)/ Describe and discuss mechanism of fever, cold injuries and heat stroke	L		Dr Aakash/Dr Amit
16/11/2022	Wednesday	11-01 PM	PY 4.9		Peptic Ulcer	ECE		All Faculty
17/11/2022	Thursday	09-10 AM	PY9.2		Describe and discuss puberty: onset, progression, stages;	L		Dr Aakash

				early and delayed puberty and outline adolescent clinical and psychological association			
19/11/2022	Saturday	12-01 PM	PY9.6	Enumerate the contraceptive methods for male and female. Discuss their advantages & disadvantages	L		Dr Aakash/ Dr Rajneet
21/11/2022	Monday	09-10 AM	PY5.10	Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation	L		Dr Randeep
22/11/2022	Tuesday	10-11 AM	PY5.10	Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation	L		Dr Randeep
23/11/2022	Wednesday	11-01 PM	PY 9.4	Menstrual Disorders	L		Dr Aakash/ Dr Rajneet
24/11/2022	Thursday	09-10 AM	PY5.10	Describe & discuss regional circulation including microcirculation, lymphatic circulation, coronary, cerebral, capillary, skin, foetal, pulmonary and splanchnic circulation	L		Dr Randeep
26/11/2022	Saturday	12-01 PM	PY7.7	Describe artificial kidney, dialysis and renal transplantation	L		Dr Randeep
28/11/2022	Monday	09-10 AM	PY9.12	Discuss the common causes of infertility in a couple and role of IVF in managing a case of infertility	L		Dr Aakash/ Dr Rajneet
29/11/2022	Tuesday	10-11 AM	PY10.9	Describe and discuss the physiological basis of memory, learning and speech	L		Dr Rajneet
30/11/2022	Wednesday	11-01 PM	PY 9.8	Physiological Changes during Pregnancy	L		Dr Aakash/ Dr Rajneet
01/12/2022	Thursday	09-10 AM	PY10.9	Describe and discuss the physiological basis of memory, learning and speech	L		Dr Rajneet
03/12/2022	Saturday	12-01 PM	PY10.9	Describe and discuss the physiological basis of memory, learning and speech	L		Dr Rajneet
05/12/2022	Monday	09-10 AM	PY10.9	Describe and discuss the physiological basis of memory, learning and speech	SGD		All Faculty
06/12/2022	Tuesday	10-11 AM	PY10.10	Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element).	L		Dr Rajneet
07/12/2022	Wednesday	11-01 PM	PY 5.11	Shock	ECE		All Faculty
08/12/2022	Thursday	09-10 AM	PY10.10	Describe and discuss chemical transmission in the nervous system. (Outline the psychiatry element).	L		Dr Randeep

10/12/2022	Saturday	12-01 PM	PY10.19	Describe and discuss auditory & visual evoke potentials	L	Ophthal mology (V)		
12/12/2022	Monday	09-10 AM	PY11.4	Describe and discuss cardiorespiratory and metabolic adjustments during exercise; physical training effects	L		Dr Randeep	
13/12/2022	Tuesday	10-11 AM	PY11.5	Describe and discuss physiological consequences of sedentary lifestyle	L		Dr Amit	
14/12/2022	Wednesday	11-01 PM	PY10.16	pathophysiology of deafness. Describe hearing tests	ECE		All Faculty	
15/12/2022	Thursday	09-10 AM	PY11.7	Describe and discuss physiology of aging; free radicals and antioxidants	L		Dr Aakash/ Dr Amit	
17/12/2022	Saturday	12-01 PM	PY11.12	Discuss the physiological effects of meditation	L		Dr Rajneet	
19/12/2022	Monday	09-10 AM	PY10.12	Identify normal EEG forms	SGD	Psychiatr y (V)	Dr Rajneet	
20/12/2022	Tuesday	10-11 AM	PY 10.6	Describe and discuss Spinal cord, its functions, lesion & sensory disturbances	L	Anatomy (H)	Dr Rajneet	
21/12/2022	Wednesday	11-01 PM	PY9.10	Discuss the physiological basis of various pregnancy tests	L		Dr Aakash/ Dr Amit	
22/12/2022	Thursday	09-10 AM	PY 10.5	RAS	L		Dr Rajneet	
24/12/2022	Saturday	12-01 PM	PY9.9	Interpret a normal semen analysis report including (a) sperm count, (b) sperm morphology and (c) sperm motility, as per WHO guidelines and discuss the results	L		Dr Aakash/ Dr Amit	
26/12/2022	Monday	09-10 AM	PY11.11	Discuss the concept, criteria for diagnosis of Brain death and its implications	L		Dr Rajneet	
27/12/2022	Tuesday	10-11 AM	REVISION					
28/12/2022	Wednesday	11-01 PM						
29/12/2022	Thursday	09-10 AM						

Head of Department
Dept. of Physiology
Pt. JLN GMC, Chamba

Signature: *[Signature]*
Date: 16/12/22
Department of Physiology
Pt. JLN GMC, Chamba