

2nd YEAR MBBS (SESSION 2022-2023)
TIME TABLE OF NEUROSCIENCE 1A/ 1BMODULE

Week 1: Theme 1: Numbness and Tingling

<u>Day/Date</u>	08:00 - 09:00 am	09:00 - 10:00 am	10:00 - 11:00 am	11:00 - 01:00 pm	P r a y e r B r e a k	01:00 - 02:00 pm	02:00 – 03:00 pm	
Theme 1: Numbness and Tingling						Theme 1: Numbness and Tingling		
Monday	<u>Anatomy</u> General features of CNS Dr. Shahab	<u>Anatomy</u> General features of PNS To be nominated by Chairman	<u>Anatomy</u> Gross anatomy of cranial nerves and spinal nerves Dr. Waqar	<u>Batches</u> A: Physiology Practical B: Histology Practical C: DSL Anatomy Museum D: Skill Lab Medicine		<u>Physiology</u> Organization of Nervous System 1 Dr. Zubia Shah	<u>Physiology</u> Organization of Nervous System 2 Dr. Zubia Shah	
Tuesday	<u>Anatomy</u> General features of ANS Dr. Noman	<u>Physiology</u> Sensory Receptors 1 Dr. Afsheen	<u>Anatomy</u> Embryology of primary secondary brain vesicles Dr. Shahab	<u>Batches</u> A: Skill Lab Medicine B: Physiology Practical C: Histology Practical D: DSL Anatomy Museum		<u>Anatomy (SGD)</u> Osteology of skull Norma Frontalis Group 1: Dr. Sonia Group 2: Dr. Shimi Group 3: Dr. Noman		
Wednesday	<u>Anatomy</u> Development of spinal cord Dr. Shahab	<u>Physiology (SGD)</u> Introduction to Motor system Dr. Zubia/ Dr. Sarah/ Dr. Afsheen		<u>Batches</u> A: DSL Anatomy Museum B: Skill Lab Medicine C: Physiology Practical D: Histology Practical		<u>Anatomy (SGD)</u> Osteology of skull Osteology of skull Norma verticals and lateralis Group 1:Dr. Noman Group 2: Dr. Sonia Group 3: Dr. Shimi		
Thursday	<u>Behavioral Sciences</u> Mental illness and its Prevention Dr. Amer Abbas	<u>Anatomy</u> General features of brain and spinal cord(external) Dr. Mahwish	<u>Physiology</u> Function of Neurotransmitters Dr. Zubia	<u>Batches</u> A: Histology Practical B: DSL Anatomy Museum C: Skill Lab Medicine D: Physiology Practical		<u>Anatomy (SGD)</u> Osteology of skull Norma basalis Group 1: Dr. Sonia Group 2: Dr. Shimi Group 3: Dr. Noman		
Friday	08:00 - 10:00 am		10:00 – 12:00			12:00 – 1:00		
	<u>Physiology</u> Electrical Events during Neuronal Excitation Dr. Zubia		<u>Anatomy (SGD)</u> Osteology of skull Anterior cranial fossa Group 1: Dr. Shimi Group 2: Dr. Noman Group 3: Dr. Hira		<u>Physiology</u> Sensory Receptors 2 Dr. Afsheen			
					1:00 – 2:00		02:00 – 03:00	
					Jumma Break		ISLAMYAT /PAK-STUDIES	

Anatomy-Practical 1: Histology of spinal cord: Dr. Qurat ul Ain Haider
 Physiology –Practical 1 Superficial Reflexes Dr. Farhan

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Week 2: Theme 1: Numbness and Tingling, Theme 2: Paraplegia

Day/Date	08:00 - 09:00 am	09:00 - 10:00 am	10:00 - 11:00 am	11:00 - 12:00 pm	12:00 -01:00 pm	P r a y e r B r e a k	01:20 - 03:00	
Theme 1: Numbness and Tingling								
Monday	Anatomy Histology of cerebrum Dr. Zahid Sarfaraz	Physiology Functions of Synapse Dr. Afsheen	Biochemistry Neurotransmitters 1 Dr. Gulnaz	Physiology Coding of Sensory Information Dr. Sarah Shahid	Physiology Transmission of signals in NS, Degeneration, Regeneration Dr. Farida Ahmad		<u>Batches</u> A: Physiology Practical B: Histology Practical C: DSLAnatomyMuseum D: Skill Lab Surgery Dr. Imran	
Tuesday	Anatomy White Matter, Ascending tracts 1 Dr. Zahid Sarfaraz	Physiology Somatosensory Cortex Dr. Zubia Shah	Physiology Ascending Tracts Dr. Sarah	Biochemistry Neurotransmitters-2 Dr. Gulnaz			<u>Batches</u> A: Skill Lab Surgery Dr. Usman B: Physiology Practical C: Histology Practical D: DSL Anatomy Museum	
Theme 2: Paraplegia								
Wednesday	PRIME: Behavioral Sciences Dealing with patients Dr. Ameer Abbas	PRIME: Research Qualitative research Dr. Fatima	Anatomy (SGD) Osteology of skull middle cranial fossa Group 1:Dr. Noman Group 2: Dr. Sonia Group 3: Dr. Shimi	Anatomy Internal features of spinal cord Dr Zahid Sarfaraz			<u>Batches</u> A: DSL Anatomy Museum B: Skill Lab Surgery Dr. Nadir C: Physiology Practical D: Histology Practical	
Thursday	Physiology Ascending Tracts Dr. Sarah	Anatomy (SGD) Osteology of skull posterior cranial fossa Group 1: Dr. Sonia Group 2: Dr. Shimi Group 3: Dr. Noman	Physiology Introduction to spinal cord Dr. Zubia Shah				<u>Batches</u> A: Histology Practical B: DSL Anatomy Museum C: Skill Lab Surgery Dr. zeb D: Physiology Practical	
Friday	Anatomy White Matter, Ascending tracts 2 Dr. Zahid Sarfaraz	Physiology Motor functions of Cord Dr. Zubia Shah	Physiology(SGD) Upper & Lower Motor Neuron Lesions Dr. Farhan Dr. Ushna Dr. Farida			ISLAMYAT /PAK-STUDIES		

Anatomy-Practical 2: Histology of Cerebrum: Dr. Qurat ul Ain Haider
 Physiology –Practical 2 Examination of deep tendon Reflexes Dr Farhan

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Week 3: Theme 2: Paraplegia, Theme 3 Syncope

<u>Day/Date</u>	08:00 - 09:00 am	09:00 - 10:00 am	10:00 - 11:00 am	11:00 - 12:00 pm	12:00 -01:00 pm	P r a y e r B r e a k	01:20 - 03:00	
Theme 2: Paraplegia								
Monday	<u>Anatomy</u> Blood supply of spinal cord Dr Mahwish	<u>Physiology</u> Golgi Tendon Reflexes Dr. Afsheen	<u>Physiology</u> Polysynaptic Reflexes Dr. Afsheen	<u>Anatomy (SGD)</u> Brain model (Cerebral Hemisphere, Sulci, Lobes, Gyri) Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi			Batches A: Physiology Practical B: DSL Library C: DSL Anatomy Museum D: Skill Lab Medicine	
Tuesday	<u>Anatomy</u> White matter (Descending tracts 1) Dr Zahid Sarfaraz	<u>Anatomy</u> White matter (Descending tracts 2) Dr Zahid Sarfaraz	<u>PRIME: Research</u> Qualitative research Dr. Fatima	<u>Anatomy</u> Components of external features of brain stem Dr Mahwish	<u>Anatomy</u> Medulla 1(gross) Dr Mahwish		Batches A: Skill Lab Medicine B: Physiology Practical C: DSL Library D: DSL Anatomy Museum	
Wednesday	<u>Physiology</u> Reflexes of Posture and Locomotion Dr. Zubia	<u>Physiology</u> Involuntary Functions of Brain, Reticular Activating System Dr. Farida	<u>Biochemistry</u> Phospholipids Dr. Nabila	<u>Anatomy (SGD)</u> Brain model (Names of different areas in model & reinforcement) Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi			Batches A: DSL Anatomy Museum B: Skill Lab Medicine C: Physiology Practical D: DSL Library	
Theme 3 Syncope								
Thursday	<u>Anatomy</u> Medulla 2 (Internal) Dr Zahid Sarfaraz	<u>Anatomy</u> Medulla 3 (Internal) Dr Zahid Sarfaraz	<u>Physiology</u> Autonomic Nervous System 1 Dr. Amjad	<u>Anatomy (SGD)</u> Brain model (Internal Brain Model) Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi			Batches A: DSL Library B: DSL Anatomy Museum C: Skill Lab Medicine Dr. zeb D: Physiology Practical	
Friday	<u>Anatomy</u> Pons 1(gross) Dr Mahwish	<u>Anatomy</u> Pons 2 (Internal) Dr Zahid Sarfaraz	<u>Physiology</u> Autonomic Nervous System 2 Dr. Amjad	ISLAMYAT /PAK-STUDIES	DSL Library		Jumma Break	

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Week 4: Theme-3 Syncope, Theme-4 Hemiplegia and Aphasia

<u>Day/Date</u>	08:00 - 09:00 am	09:00 - 10:00 am	10:00 - 11:00 am	11:00 - 12:00 pm	12:00 -01:00 pm	01:20 - 03:00	
Theme-3 Syncope							
Monday	<u>Physiology</u> Autonomic Receptors Dr. Riffat Sultana	<u>Anatomy</u> Mid brain-I(Gross) Dr. Mahvish	<u>Anatomy</u> Mid brain-II (Internal) Dr. Zahid Sarfaraz	<u>Anatomy (Film Class)</u> Dr. Sonia		P r a y e r B r e a k	
Tuesday	<u>Physiology</u> Cortical control of motor functions Dr. Afsheen	<u>Physiology</u> Descending Tracts functions Dr. Afsheen	DSL Library	<u>Anatomy</u> Gross anatomy of thalamus /hypothalamus Dr. Mahvish			
Theme-4 (Hemiplegia and Aphasia)							
Wednesday	<u>Anatomy</u> Gross feature and histology of Cerebellum Dr. Zahid Sarfaraz	<u>Physiology</u> Cerebellum Dr. Amjad Zaman		<u>Anatomy (SGD)</u> Meninges/Dural venous sinuses Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi			
Thursday	<u>Anatomy</u> Cerebellum-II Dr. Zahid Sarfaraz	<u>Physiology</u> Basal Ganglia Dr.Zubia		<u>Physiology (SGD)</u> Basal Ganglia Dr. Farhan Dr. Ushna Dr. Farida			
Friday	PRIME: Research Sampling technique Dr. Raheela	PRIME: Behavioral Sciences Bullying and Harassment Dr. Ameer Abbas	<u>Anatomy</u> Blood supply of Brain Dr. Mahvish	<u>Anatomy</u> Association/projection fibers Dr. Zahid Sarfaraz	<u>Community Medicine</u> Risk factors of cerebrovascular Disease Dr. Warda	ISLAMYAT /PAK-STUDIES	

Physiology – Practical 4 Cranial Nerves Dr. Farhan
 Biochemistry SGD: Phospholipids

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Week 5: Theme-4 Hemiplegia and Aphasia, Theme-5 Headache

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00 - 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 -01:00 pm</u>	<u>01:20 - 03:00 pm</u>
Monday	Anatomy Gross anatomy of Basal ganglia Dr. Mahvish	General Medicine Parkinson's disease (To Be Nominated By Chairman)	Pharmacology Drugs used in Parkinson's disease Dr. Shams	Pathology Alzheimer's disease Dr. Jamita Kor	Pathology Inflammation of brain Dr. Jamita Kor	P r a y e r B r e a k Batches A: Physiology Practical B: Histology Practical C: Physiology – SGD D: Skill Lab Medicine Batches A: Skill Lab Medicine B: Physiology Practical C: Histology Practical D: Physiology – SGD Batches A: Physiology – SGD B: Skill Lab Medicine C: Physiology Practical D: Histology Practical Batches A: Histology Practical B: Physiology – SGD C: Skill Lab Medicine D: Physiology Practical
Theme 5 Headache						
Tuesday	General Medicine Stroke (To Be Nominated By Chairman)	Physiology Analgesia System Dr. Riffat Sultana	Anatomy Ventricles 1 Dr. Zahid Sarfaraz	Physiology Learning & memory Dr. Farida Ahmad		
Wednesday	Neurosurgery Brain injuries (To Be Nominated By Chairman)	Radiology CT and MRI scans (To Be Nominated By Chairman)	Physiology Headache & Referred Pain Dr. Riffat Sultana	Pharmacology Drugs acting on sympathetic and parasympathetic nervous system Dr. Shams	Physiology Function of specific cortical areas, Language & Speech Dr. Sarah	
Thursday	Neurosurgery Brain and spinal tumors (To Be Nominated By Chairman)	DSL Library	Anatomy Ventricles-2 Dr. Zahid Sarfaraz	Anatomy (SGD) Ventricular system Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi		
Friday	General medicine Hydrocephalus (To Be Nominated By Chairman)	Physiology Limbic system Dr. Farida Ahmad		Forensic Medicine Brain death Dr. Urooj Khan	Physiology Limbic system Dr. Farida Ahmad	

Physiology – Practical 5 Cranial Nerves Dr. Bahre Karam /Dr Farhan
 Anatomy-Practical 3: Histology of Histology of cerebellum

Medicine Skill Lab: Peripheral neuropathies and Hemi section of spinal cord
 Physiology – SGD Disorders of Basal Ganglia

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Week 6: Theme-5 Headache

<u>Day/Date</u>	<u>08:00 - 09:00 am</u>	<u>09:00 - 10:00 am</u>	<u>10:00 - 11:00 am</u>	<u>11:00 - 12:00 pm</u>	<u>12:00 -01:00 pm</u>		<u>01:15 - 03:00 pm</u>
Monday	<u>Physiology</u> Cerebrospinal Fluid-2 Dr. Afsheen		<u>Physiology</u> Brain Waves & Sleep-2 Dr. Farida		<u>Physiology</u> Seizures & Epilepsy Dr. Amjad		Batches A: Histology Practical-1 B: DSL Anatomy Museum C: Skill Lab Surgery Dr. Imran D: Physiology Practical-1
<u>NEUROSCIENCE 1B MODULE</u> <u>Theme 1: Facial Palsy</u>							
Tuesday	<u>MODULE VIVA</u> Group: A Roll No: 1 to 55 (Anatomy) Group: B Roll No: 56 to 111 (Biochemistry) Group: C Roll No: 112 to 165 (Physiology)		<u>MODULE VIVA</u> Group: A Roll No: 1 to 55 (Physiology) Group: B Roll No: 56 to 111 (Anatomy) Group: C Roll No: 112 to 165 (Biochemistry)		<u>MODULE VIVA</u> Group: A Roll No: 1 to 55 (Biochemistry) Group: B Roll No: 56 to 111 (Physiology) Group: C Roll No: 112 to 165 (Anatomy)		
Wednesday	<u>Anatomy</u> Scalp Dr. Mahvish	<u>Anatomy</u> Gross anatomy of oral cavity/Salivary gland Dr. Mahvish		<u>Biochemistry</u> Prostaglandins Dr. Sikandar	<u>Anatomy</u> Histology of salivary gland Dr. Zahid	P r a c t i c a l	Batches A: Physiology Practical-1 B: Histology Practical-1 C: DSL Anatomy Museum D: Skill Lab Surgery Dr. Usman
Thursday	<u>Anatomy</u> Developmental embryology (face) Dr. Shahab	<u>Anatomy</u> Gross anatomy of TMJ Dr. Mahvish	<u>Biochemistry</u> CSF Dr. Bela	<u>Anatomy (SGD)</u> Orbit osteology Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi	Batches A: Skill Lab Surgery Dr. Nadir B: Physiology Practical-1 C: Histology Practical-1 D: DSL Anatomy Museum		
Friday	<u>Biochemistry</u> RFLP Dr. Kalsoom	<u>Anatomy</u> Blood supply and Lymphatic drainage of face Dr. Mahvish		<u>Anatomy (SGD)</u> Muscles of facial expression Group 1: Dr. Sonia Group 2: Dr. Noman Group 3: Dr. Dr. Shimi	Batches A: DSL Anatomy Museum B: Skill Lab Surgery Dr.Zeb C: Physiology Practical-1 D: Histology Practical-1		

Physiology – Practical 1 Examination of cranial nerves

Anatomy-Practical 1: Histology of salivary gland. Dr. Quratulain Haider