

VYDEHI INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE

DEPARTMENT OF PHYSIOLOGY UG MONTHLY SCHEDULE FOR MONTH OF NOVEMBER 2024

DATE	Period I	Period III	Period IIII	Period IIIV	Period V	Period VI
01/11/2024 FRI	HOLIDAY					
02/11/2024 SAT			SECT A: Transport across cell membrane (PY1.4) Dr. King	A1: Compound Microscopy-Dr. Lavanya	-	
			SECT B: Erythropoiesis and its regulation (PY2.4) (PY1.3; 1.4) Mrs. Shabina	A2: Collection of Blood Sample- Dr.Srimukhi B: Tutorials-Blood and General Physiology Completed till 30/10/2024- Mrs.Shabina, Dr.Chhaya		

4/11/2024 MON	SECT A: Erythropoiesis and its regulation; ESR; PCV;osmotic fragility (PY2.4, 2.12) Mrs. Shabina				B1: Compound Microscopy- Dr. Manoj
	SECT B: Transport across cell membrane (PY1.4) Dr. King				B2: Collection of Blood Sample Dr.Shrimukhi
5/11/2024 TUE		SECT A: Body fluid compartments & methods of measuring (PY 1.5), pH & buffer system (PY 1.6) Dr. King			C1: Compound Microscopy Dr.Naina
		SECT B: Erythropoiesis and its regulation; ESR; PCV;osmotic fragility (PY2.4, 2.12) Mrs. Shabina			C2: Collection of Blood Sample Dr.Punith
6/11/2024 WED	SECT A: Erythropoiesis and its regulation; ESR; PCV;osmotic fragility (PY2.4, 2.12) Mrs. Shabina		SECT A: Physiologic al basis of RMP in nerve; local potential (PY 1.7) Dr. King		A1: Compound Microscopy Dr.Rashmith
	SECT B: Body fluid compartments & methods of measuring (PY 1.5),		SECT B: Physiological basis of anemia and jaundice (PY		A2: Collection of Blood Sample Dr.Lavanya

	pH & buffer system (PY 1.6) Dr. King		2.5) Mrs. Shabina			
7/11/24 THU		BATCH B: LIBRARY VISIT			B1: Collection of Blood Sample Dr.Punith B2: Compound Microscopy Dr.Manoj C: Tutorials-GP& Blood [Plasma Proteins & Hb] Dr.Chhaya, Mrs.Shabina	
8/11/24 FRI		SECT A: Physiological basis of anemia and jaundice (PY 2.5) Mrs. Shabina		C1: Collection of Blood Sample Dr.Rashmith C2: Compound Microscopy Dr.Manoj		
		SECT B: Physiologic al basis of RMP in nerve; local potential (PY 1.7) Dr. King		A: Tutorials-GP& Blood [Plasma Proteins & Hb] Dr.Chhaya, Mrs.Shabina		

9/11/24 SAT			SECT A: Action potential of nerve fibres and its ionic basis (PY1.8) Dr. King	A1: Heamocytometry Dr.Srivatsa A2: Hemoglobin Estimation Dr.Shrimukhi	
			SECT B: WBCs –types; structure and functions; granulopoiesis (PY 2.6) Mrs. Shabina	B: Anemia & Jaundice Transport across cell membrane Mrs.Shabina, Dr.Vidya	
11/11/2024 MON	SECT A: WBCs – types; structure and functions; granulopoiesis (PY 2.6) Mrs. Shabina				B1: Heamocytometry Dr. Rashmith B2: Hemoglobin Estimation Dr. Naina
	SECT B: Action potential of nerve fibres and its ionic basis (PY1.8) Dr. King				
12/11/2024 TUE		SECT A: Methods used to demonstrate functions of cells – patch clamp technique (PY1.9) Dr. King			C1: Heamocytometry Dr.Lavanya C2: Hemoglobin Estimation Dr. Manoj
		SECT B: Mechanism of			

		phagocytosis Immunity – classification; cell mediated immunity (PY 2.7) Mrs. Shabina			
13/11/2024 WED	SECT A: Mechanism of phagocytosis Immunity – classification; cell mediated immunity (PY 2.7) Mrs. Shabina		SECT A: Nerve- properties, Neuroglia, Nerve growth factors(PY3,1; 3.2) Dr. Vinodh		A1: Heamocytometry Dr.Punith A2: Hb estimation Dr.Srivatsa
	SECT B: : Methods used to demonstrate functions of cells – patch clamp technique (PY1.9) Dr. King		SECT B: Mechanism of phagocytosis Immunity – classification; cell mediated immunity (PY 2.7) Mrs. Shabina		

14/11/24 THU		BATCH C: LIBRARY VISIT			B1: Hemoglobin Estimation Dr.Shrimukhi B2: Heamocytometry Dr.Lavanya C: Transport across the cell membrane Anemia & Jaundice Dr.Srivatsa, Mrs.Shabina	
15/11/24 FRI		SECT A: Mechanism of phagocytosis Immunity – classification; cell mediated immunity (PY 2.7) Mrs. Shabina		C1: Hemoglobin Estimation Dr.Punith C2: Heamocytometry Dr.Manoj A: Transport across the cell membrane Anemia & Jaundice Dr.Vidya, Mrs.Shabina		
		SECT B: Nerve-properties, Neuroglia, Nerve growth factors(PY3.1; 3.2) Dr. Vinodh				
16/11/24 SAT			SECT A: Classification of nerves; Nerve-	A1: RBC Estimation Dr.Naina		

			degeneration & regeneration of nerves (PY3.2; 3.3) Dr. Vinodh	A2: ESR, PCV, Osmotic fragility Dr. Shrimukhi	
			SECT B: Platelets (PY 2.8) Mrs. Shabina	B:- Membrane Potential, White Blood Cells Dr. Chhaya, Dr. Srivatsa	

18/11/2024 MON	SECT A: Platelets (PY 2.8) Mrs. Shabina				B1: RBC Estimation Dr.Srivatsa
	SECT B: Classification of nerves; Nerve- degeneration & regeneration of nerves (PY3.2; 3.3) Dr. Vinodh				B2: Heamoglobin Estimation-repeat Heamoglobin-Skill Certification Dr.Punith
19/11/2024 TUE		SECT A: Neuromuscular junction with transmission (PY 3.4) Dr. Vinodh			C1: RBC Estimation Dr.Shrimukhi
		SECT B: Physiological basis of Hemostasis (PY 2.9) Mrs. Shabina			C2: Heamoglobin Estimation-repeat Heamoglobin-Skill Certification DR.Manoj
20/11/2024 WED	SECT A: Physiological basis of Hemostasis (PY 2.9) Mrs. Shabina		SECT A: Muscle fatigue; NMJ blocking agents; myasthenia gravis, myopathies (PY 3.5) Dr. Vinodh		A1: Heamoglobin Estimation-repeat Heamoglobin-Skill Certification Dr.Lavanya
	SECT B: Neuromuscular junction with transmission (PY 3.4) Dr. Vinodh		SECT B: Physiological basis of Hemostasis (PY 2.9) Mrs. Shabina		A2: RBC Estimation Dr.Naina

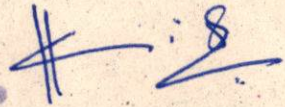
21/11/24 THU		BATCH A: LIBRARY VISIT			B1: Heamoglobin Estimation-repeat Heamoglobin-Skill Certification Dr.Rashmith B2: RBC Estimation Dr.Srivatsa C: WBC Membrane potential Dr.Chhaya, Mrs.Shabina	
22/11/24 FRI		SECT A: Physiological basis of Hemostasis (PY 2.9) Mrs. Shabina		C1: Heamoglobin Estimation-repeat Heamoglobin-Skill Certification Dr.Naina		
		SECT B: Muscle fatigue; NMJ blocking agents; myasthenia gravis, myopathies (PY 3.5) Dr. Vinodh		C2: RBC Estimation Dr.Punith A: WBC Membrane potential Dr.Chhaya, Mrs.Shabina		

23/11/24 SAT			SECT A: Muscles: types; structure (3.6), action potential of different muscle (PY 3.7) Dr. Vinodh SECT B: Blood group, Blood banking, Blood transfusion (PY 2.10) Mrs. Shabina	A1: RBC Estimation- repeat Dr.Shrimukhi A2: ESR/PCV Osmotic fragility Dr.Srivatsa B: WBC Membrane potential Dr.Vinod, Dr.King	
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25/11/2024 MON	SECT A: Formative Assessment-I				B1: RBC Estimation-Repeat Dr.Punith
	SECT B: Formative Assessment-I All faculty				B2: ESR/PCV Osmotic fragility Dr.Srivatsa
26/11/2024 TUE		SECT A: Blood group, Blood banking, Blood transfusion (PY 2.10) Mrs. Shabina			C1: RBC Estimation-Repeat Dr.Lavanya
		SECT B: Muscles: types; structure (3.7), action potential of different muscle (PY 3.7) Dr.Vinodh			C2: ESR/PCV Osmotic fragility Dr. Naina
27/11/2024 WED	SECT A: Types of muscle contraction; length tension relations hip; strength duration curve (PY 3.9) Dr.Vinodh		SECT A: Functional anatomy; non respiratory function of lungs (PY 6.1) Dr.Vidya		A1: ESR/PCV Osmotic fragility Dr.Shrimukhi
	SECT B: Functional anatomy; non respiratory function of lungs (PY 6.1)		SECT B: Types of muscle contraction; length tension relations hip; strength duration		A2: RBC Estimation-Repeat Dr.Rashmith

			curve (PY 3.9) Dr.Vinodh		
28/11/24 THU		BATCH 8: LIBRARY VISIT AMPHIBIAN CHARTS & STUDENT SEMINAR			B1: ESR/PCV Osmotic fragility Dr.Srivatsa B2: RBC Estimation- Repeat Dr.Manoj C: Hemostasis Mrs.Shabina NMJ Dr.King
29/11/24 FRI		SECT A: Introduction to Cardiovascular system: functional anatomy of heart (PY 5.1) Dr.Chhaya			C1: ESR/PCV Osmotic fragility Dr.Naina C2: RBC Estimation- Repeat Dr.Lavanya
		SECT B: Mechanics of normal respiration (PY 6.2) Dr.Vinodh			A: Hemostasis Mrs.Shabina NMJ Dr.King

30/11/24 SAT			SECT A: Mechanics of normal respiration (PY 6.2) Dr.Vidya		A1: WBC count
			SECT B: Introduction to Cardiovascular system: functional anatomy of heart (PY 5.1) Dr.Chhaya		A2: Blood grouping B: Discussion of FA MCQs Dr.King Muscle contraction Dr.Vinodh


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2/12/2024

