

PHYSIOLOGY DEPARTMENT PMU – PRACTICAL TEST 2025/2026 – TOPICS.

	TOPIC	Student
1	RBC IN THE COUNTING CHAMBER.	
2	WBC IN THE COUNTING CHAMBER.	
3	PERIPHERAL BLOOD SMEAR (SCHILLING DIFFERENTIAL BLOOD COUNT).	
4	ERYTHROCYTE SEDIMENTATION RATE.	
5	HEMATOCRIT DETERMINATION. RBC INDICES - MCV, MCHC, MCH.	
6	BLOOD TYPING.	
7	RENAL FUNCTIONS – CLEARANCE, T_{MAX}, GLOMERULOTUBULAR BALANCE.	
8	ARTERIAL BLOOD GASES - ANALYSIS OF THE BLOOD SAMPLES.	
9	THE SNELLEN CHART - ESTIMATION OF THE VISUAL ACUITY. THE PERIMETER – ASSESSMENT OF THE VISUAL FIELD.	
10	TUNING FORK TESTS - NERVE AND CONDUCTION DEAFNESS.	
11	ARTERIAL BLOOD PRESSURE. ARTERIAL PRESSURE PULSE – EXAMINATION/ANALYSIS.	
12	PERCUSSION AND AUSCULTATION OF THE HEART. HEART SOUNDS.	
13	ELECTROCARDIOGRAPHY.	
14	READING AND INTERPRETATION OF THE ELECTROCARDIOGRAM.	
15	ORTHOSTATIC TEST.	
16	SPIROMETRY: VOLUMES/CAPACITIES OF THE LUNGS, FLOW- VOLUME LOOP AND VOLUME-TIME CURVE OF FORCED BREATHING, PEF, FEV1.	
17	THE BASAL METABOLIC RATE.	
18	THE MARTINET TEST.	
19	MAXIMUM OXYGEN CONSUMPTION (ÅSTRAND-RYHMING NOMOGRAM).	
20	PROPER BODY MASS (BMI, WAIST CIRCUMFERENCE, WHR).	