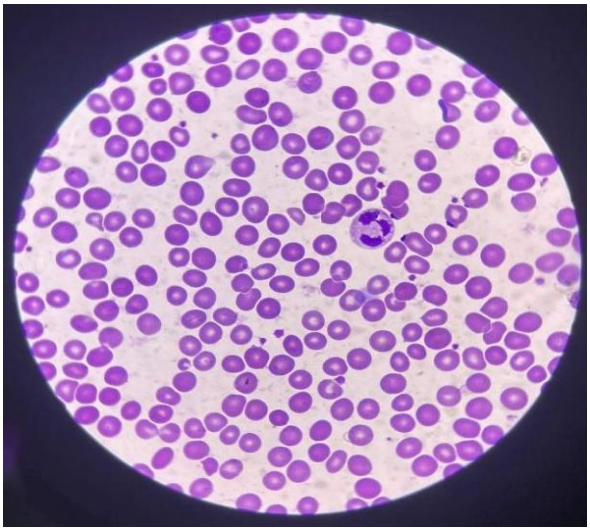
Activity 2: Peripheral Smears

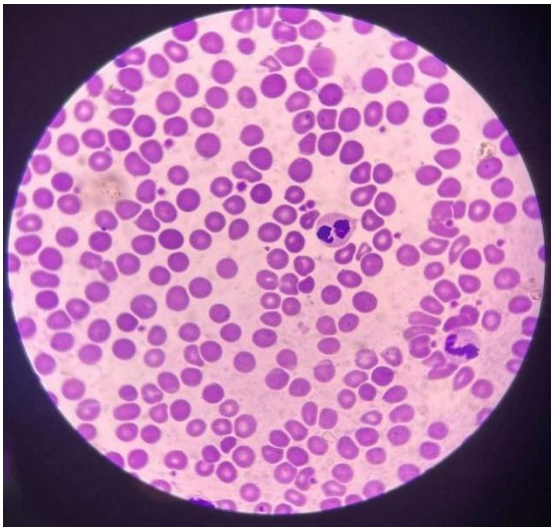
Name of Patient: Moreno, Eunice Eve P.

DOB: April 10, 2003

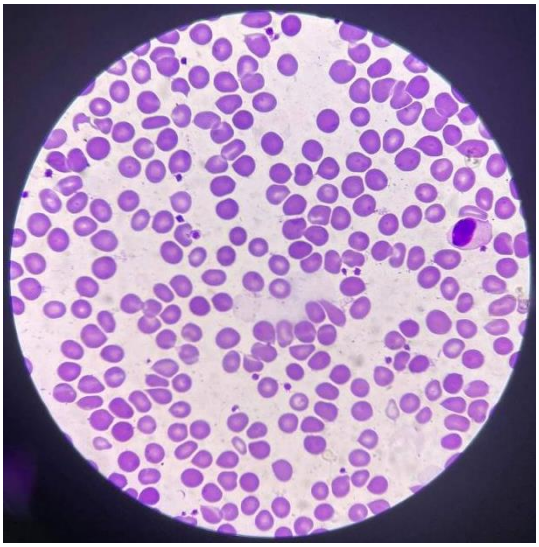
In this prepared slides, identify and count the number of WBCs and platelets you can find per field (specify type of white blood cell) and compute for the WBC estimate and platelet estimate.



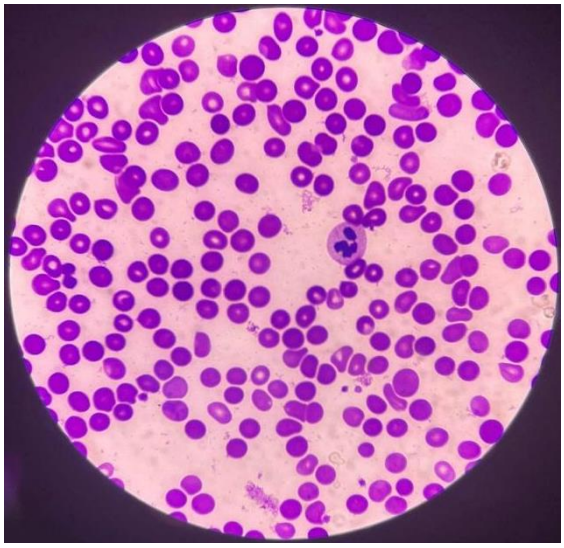
WBC: 1 Type: Neutrophil Platelet: 13



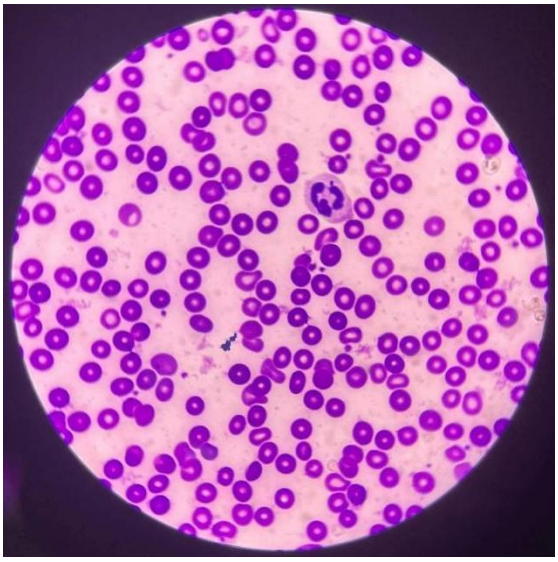
WBC: 2 Type: Neutrophil Platelet: 20



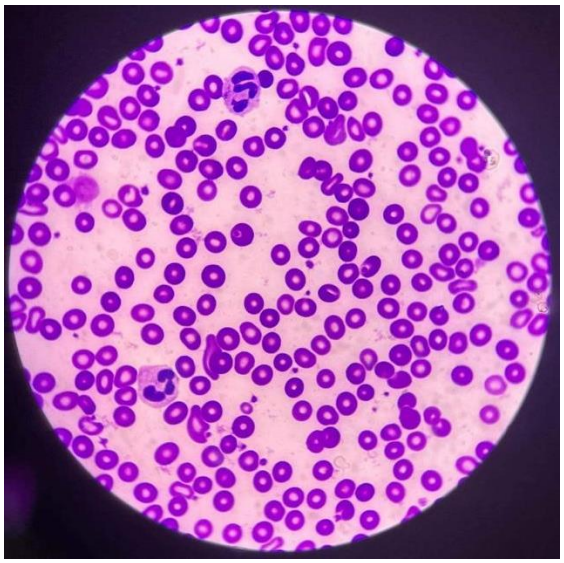
WBC: 1 Type: Monocyte Platelet: 19



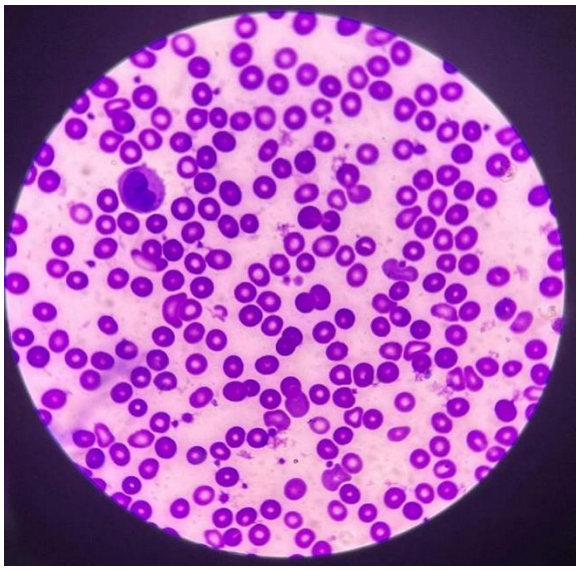
WBC: 1 Type: Neutrophil Platelet: 7



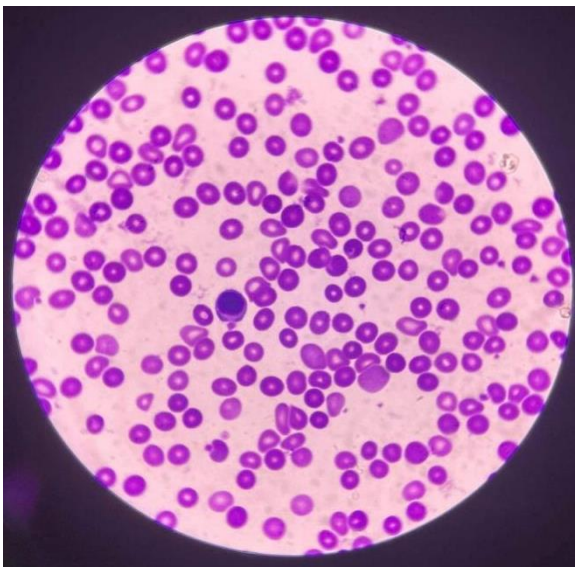
WBC: 1 Type: Neutrophil Platelet: 15



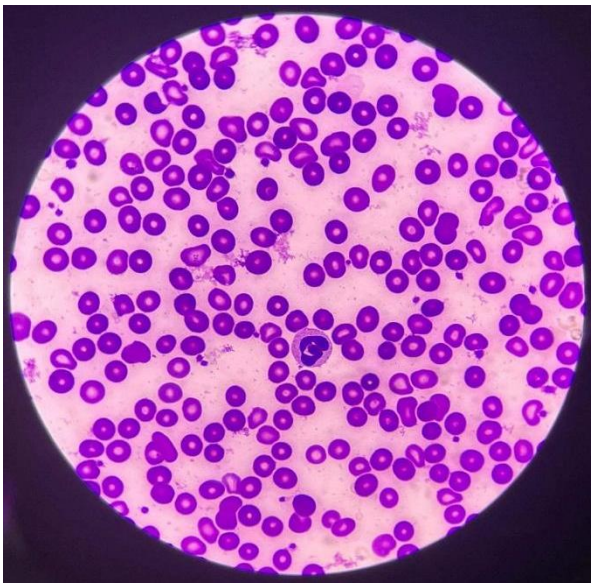
WBC: 2 Type: Neutrophil Platelet: 23

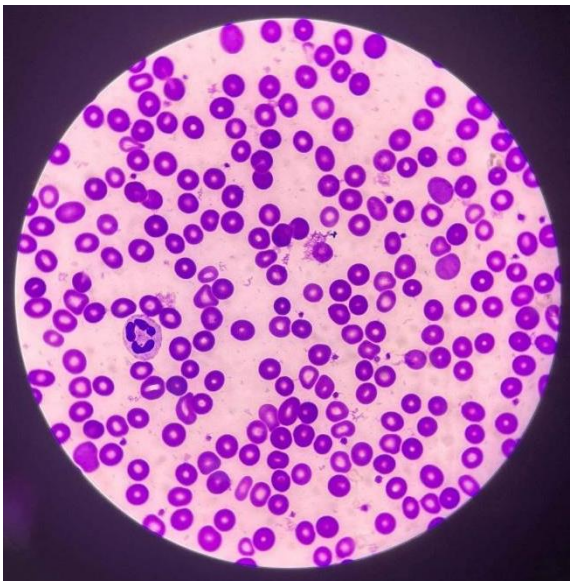


WBC: 1 Type: Monocyte Platelet: 24



WBC: 1 Type: Lymphocyte Platelet: 11





WBC: 1 Type: Neutrophil Platelet: 22

WBC: 1 Type: Neutrophil Platelet: 21

Computation:

WBC COUNT:

$\frac{1+2+1+1+1+2+1+1+1}{10}$x 2, 000

$\frac{12}{10}$ x 2, 000

= 2, 400

PLATELET ESTIMATE

$=\frac{13+20+19+7+15+23+24+11+22+21}{10}$ X 20,000

Conventional: 350, 000 /mm^3
SI Unit: 350 x10^9 / L

Test / Method	Result	Reference Range	Instructors Signature
RBC Morphology	$\frac{3+4+4+4+3+3+3+3+3+3}{10}$ **= 3+**	*1+ = 2–10 poikilocytes/ OIF (1-5%)* *2+ = 11-20 pokilocytes/ OIF (6 to 10%)* *3+ = 21 to 50 poikilocytes/ OIF (11 to 25%)* *4+ = 51 and above poikilocytes/ OIF*	
WBC Estimate	**2, 400**	***450, 000- 11, 500***	
Platelet Estimate	**Conventional: 350, 000 /mm^3** **SI Unit: 350 x10^9 / L**	**Conventional:** **150,000-450,000 /mm^3** **SI Unit:** **150-450 x10^9 / L**	

Time and Date Performed: 01/06/2022, 7:30pm

Date Submitted: 06/03/2022

Medical Technologist: Justine Bianca Pacarro