# Haematology Report Analysis

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Course: B.Tech Biotechnology (1st Year)

Institution: GLA University

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## Project Overview

This project involves the collection and interpretation of blood sample data using an automated hematology analyzer (Horiba ABX Micros ES 60). The experiment was conducted as a part of the academic curriculum under the subject of Medical Laboratory Technology in B.Tech Biotechnology (1st Year).

## Hematology Test Results

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| --- | --- | --- |
| Parameter | Value | Unit |
| WBC | 10.3 | 10^3/mm³ |
| LYM% | 36.6 | % |
| MON% | 5.4 | % |
| GRA% | 58.0 | % |
| LYM# | 3.7 | 10^3/mm³ |
| MON# | 0.54 | 10^3/mm³ |
| GRA# | 6.1 | 10^3/mm³ |
| RBC | 4.72 | 10^6/µL |
| HGB | 11.8 | g/dL |
| HCT | 39.5 | % |
| MCV | 84 | µm³ |
| MCH | 25.1 | pg |
| MCHC | 29.9 | g/dL |
| RDW-CV | 13.8 | % |
| RDW-SD | 39 | µm³ |
| PLT | 310 | 10^3/mm³ |
| MPV | 7.7 | µm³ |
| PCT | 0.238 | % |
| PDW | 17.7 | % |