

**University of North Bengal**  
**4<sup>th</sup> Semester Practical Examination, 2020**  
**Subject: ZOOLOGY (Hons)**  
**Paper: CC 9 (Animal Physiology: Life Sustaining Systems)**

*Time: 2 hours*

*Full Marks: 20*

1. Write down the principle and procedure of total count of RBC. Tabulate the supplied data and calculate the number of RBC. Comment on result.  
(Number of RBC in five cells are: 165, 182, 148, 120 and 135)

*10 marks*

2. Write down the principle and procedure of estimation of haemoglobin using Sahli's haemoglobinometer, and determination of ABO blood group and Rh factor of blood. Comment about these factors of your own blood.

*10 marks*