

## **REPORT OF WRITTEN TEST FOR SELECTING CANDIDATES FOR MSC SCHOLARSHIP UNDER A PROJECT TITLED “Heat stress in tropical trees and its implication for plantation success”**

### **1. Background**

The University of Rwanda in partnership with the University of Gothenburg have obtained a funding to conduct a research that aim to study the effect of heat and temperature stress on tropical trees and impact on forest planation success, carbon storage and biodiversity.

### **2. Role and description**

The project aims at responding to the following questions: (i) Will heat tolerance be exceed in tropical trees in wormer climate? (ii) To what extent can tree acclimate to a warmer climate by increasing their heat tolerance? (iii) Which trees suffer most from warming and why? The project has ongoing experimental sites (forest plantations) established at Ibanda Makera (Kirehe District), Rubona (Huye District) and Sigira (Nyamagabe District), on which selected 20 trees species were planted in 2017.

### **3. Written test**

A call for applicants was advertised on UR website on 18<sup>th</sup> August 2021, and the written test was done on 15<sup>th</sup> September 2021, and was composed by 2 sessions: (i) the morning session was composed by questions on tree growth and factors explaining tree growth in Rwanda. (ii) the afternoon session was composed by questions related to climate change in Rwanda. Each session was marked out of 20 points. The exam was conducted at the School of Forestry, Biodiversity and Conservation based at UR-Huye Campus. Exam was prepared and responses were corrected by Prof. Donat Nsabimana. The table below shows the marks obtained by each candidate, and the decision taken.

#	Names	Test 1/20	Test 2/20	Total (%)	Decision
1	Dushimirimana Philbert	14.5	17.5	80	Qualify for interview
2	Dushimirimana Vedaste	16	17.5	83.75	Qualify for interview
3	Tuyizere Diogene	16	19.5	88.75	Qualify for interview
4	Uwajeneza Brigitte	18	19.5	93.75	Qualify for interview

### **4. Conclusions**

All applicants have obtained marks above 80% in the written exam, and thus all qualify for interview.

Done at Huye, 6/12/2021



Prof. Donat Nsabimana  
Contact: 0788 741 619