



ERS LINE VILLE SITY KE

This is to certify that

Leonard L.W. Sanja

having satisfied all the requirements was

awarded the Degree of

DOCTOR OF PHILOSOPHY (PASTILLY AND SWATHLE)

at a congregation held at this University on the Sixteenth Day of December in the Year

Two Thousand and Twenty-Two



Vice-Chancellor

Fammye

Ag. Registrar (Academic)

Certificate Number

This certificate is issued without any erasures or alterations. This is a secure document using special papers and inks. Hold to the light to verify that the "KENYATTA UNIVERSITY" watermark can be seen through the paper.