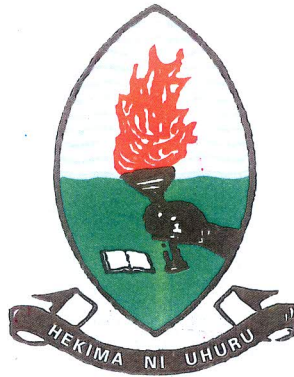


UNIVERSITY OF DAR ES SALAAM



I Certify that this is a true
Copy of the Original
[Signature]
JUDAH KIGKO - ADVOCATE
COMMISSIONER FOR OATHS

This is to certify
that
Lewis Muli Ngesu

having satisfied the requirements for the award of the

DOCTOR OF PHILOSOPHY

was admitted to the degree at a congregation
held in DAR ES SALAAM, on the

Twentieth day of October,
in the year Two thousand and eleven

[Signature]

Vice Chancellor



[Signature]

Deputy Vice Chancellor
(Academic, Research and Consultancy)

PhD000238