

**DECLARATION**

I **Maseka Mwamba** do hereby declare that this dissertation represents my own work and that it has not been submitted for the award of a degree or any other qualification at this University or any other University.

**Signed**.....**Date**.....

**MASEKA MWAMBA**

(Candidate)

**Supervisors:**

I have read this dissertation and approved it for examination

**Dr INGVILD F. SANDØY**

**Signed**.....**Date**.....

Department of Public Health, School of Medicine

I have read this dissertation and approved if for examination

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**Singed**.....**Date**.....

**Dr MPUNDU MAKASA**

**CERTIFICATE OF COMPLETION OF DISSERTATION**

I **Maseka Mwamba** do hereby certify that this dissertation is the product of my own work and I'm submitting it for my Master of Science in Epidemiology programme, further attest that it has not been submitted to another University in part or whole for the award of programme

**Sign**.....**Date**.....

I **Dr Ingvild F. Sandøy** having read this dissertation is satisfied that this is the original work of the author under whose name it is being presented. I confirm that the work has been completed satisfactory and is hereby ready for presentation to the Examiner.

**Supervisor Dr Ingvild F. Sandøy**

**Supervisor Signature**.....

**Date**.....

**Head of Department**

**Signature**.....

**Department of Public of Public Health**

**CERTIFICATE OF APPROVAL**

This dissertation of **Maseka Mwamba** is approval as fulfilling requirement for the award of degree of Master of Science in Epidemiology of the University of Zambia.

Signature.....Date.....

Examiner I

Signature.....Date.....

Examiner II

Signature..... Date.....

Examiner III

**Head of Department**

**Signature.....Date.....**