

COMPETENCE BASED ASSESSMENT AGRICULTURE PRACTICAL WORK BOOK

“SCENARIO BASED PRACTICAL GUIDE”

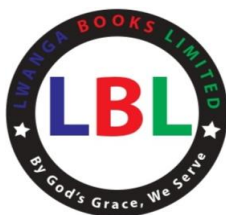
BASED ON THE NEW LOWER SECONDARY CURRICULUM

By



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Preface

This Competence Based Assessment Agriculture Practical Work Book has been written to satisfactorily meet the demand of learners going through the Competency Based Curriculum at the New Ordinary Level in Preparation for their excellence in Uganda Certificate of Education {UCE} agriculture practical examination. It will also be helpful to teachers especially those who want to familiarize them selves with the new assessment of agriculture practicals in the new curriculum.

This practical work book consists of concise and precise notes in simple language and several examinable items intended to reinforce and test the understanding of basic agriculture skills, all based on the requirement of the new agriculture syllabus and encompasses all that is required for ordinary learners.

Teachers in various schools will have to provide learners with necessary apparatus required so as they can navigate through all the practicals in this work book.

Proper utilization of this work book by learners will obviously make practical examinations easier to handle and enjoyable.

Lwanga Books Ltd feels confident that this Book will be of immense value to both the learners and the teachers.

Any suggestions for improvement of this book are most welcomed, thanks.

“It is not what We do for you but what We will teach you to do for and by yourselves that will eventually make you successful beings in the society”

Acknowledgement

Lwanga Books Limited is deeply indebted to all those who participated in the development of **Lwanga William S1-S4 Competence Based Assessment Agriculture Practical Work Book**.

Special thanks go to **Mr. Lwanga William**, CEO of Lwanga Books Ltd for his valuable insights and advice on all publishing matters.

We would like to express our sincere appreciation to all those who worked tirelessly towards the production of this CBA Agriculture Practical Work Book. First and foremost, we would like to thank our families and friends for supporting all our initiatives both financially and spiritually, Lwanga William's parents; **Mr. William Lwanga** and **Mrs. Harriet Lwanga**, his brother; Mr. Nsubuga Grace.

The initiative and guidance of the publishing partners, Ministry of Education and Sports (MoES) and National Curriculum Development Centre (NCDC) in development and implementation of the New Lower Secondary Curriculum are highly appreciated.

We thank God for the wisdom He has given us to produce this volume of work. May the Almighty God bless all the students that will use this book with knowledge to encounter all CBA Scenario Items incorporated in this Competence Based Assessment Agriculture Practical Work Book....**AMEN**. We welcome any suggestions for improvement to continue making our service delivery better.

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Introduction To Competence Based Assessment Agriculture Practicals

The Competence Based Agriculture Assessment has two papers that is, 527/1(theory paper) and 527/2(practical paper).

In this guide, we are to focuss more on the practical paper.

CBA agriculture practical paper will comprise of two examination scenario items and the student is to do all that is, all items are compulsory.

The duration of the paper will be strictly **two(2) hours**.

The structure of the paper is clear with **item 1** being an investigative question and **item 2** being a diagonistic question.

Item 1 has **nine(9)** areas that is; Title(Aim), Hypothesis, Variables, Apparatus(Materials), Procedures, Data presentation, Data analysis, Conclusion(Deduction) and Recommendation.

❖ RECALL: TAXONOMY OF THE PSYCHOMOTOR DOMAIN

Level	Description of major categories	Illustrative verbs
1	Imitation-early stages in learning a complex skill	Assemble, attempt, calibrate, construct, dissect, repeat, sketch, and try.
2	Manipulation-individual continues to practice a given skill	Same as above- add acquire, complete, conduct, execute, operate, perform, manipulate
3	Precision- skill has been attained	Conduct, execute, operate, refine
4	Articulation-Involve a higher level of precision. Skills are well developed	Adapt, alter, revise, re-arrange
5	Naturalization- response is automatic. Individual begins to experiment, creating new ways ofmanipulating material.	Arrange, combine, construct, create design, refine

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- Item 4

You have decided to carry out a water retention test on soil sample O which was collected from Katende areas.

Task.

Using the apparatus and materials provided, Plan and carry out an investigation on soil sample O.

[illegible]

Based on your results;
Make a drawing of the experiment set up showing the final results.

Calculate the water retention capacity for each sample.

Account for the results of your investigation on soil sample O.

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Based on your findings, advise the Katende farmers on soil and crop husbandry practices they can opt for, for better crop production in their area.

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