

LEARNER'S NAME:		STREAM:	
-----------------	--	---------	--

LEARNER'S NO.				
---------------	--	--	--	--

STUDY GROUP'S NAME:	
---------------------	--

Physics

Paper 2023

1¹/₂ hours

THE PHYSICS DEPARTMENT 2023
Uganda Certificate of Lower Secondary Education

S.1 Beginning of term.11. Assessment

1 Hour 30 Minutes

INSTRUCTIONS

- Use the blue or black ink pen only
- Attempt **ALL** questions in this paper.

Extended response question

Question.1

The importance of physics in our lives is highlighted by the many applications that physics has made possible in people's lives, and which have become one of the indispensable necessities of life however most people are not aware of this significance especially our old grandparents. Study the pictures below and the questions.

(40 marks)



A



B



C



D



E



F



G



H

- (a). as an s.1 physic learner, explain some of the guideline that must be followed during the above study in a science laboratory.
- (b). From the above highlighted images identify the activity in figures above and explain how physics helps in our daily life. In each case identify the figure, how it is applicable, and the branch of physics where the above figure falls under.
- (c). From pictures in A, B, C, D, E, F, G and H above write down the possible career opportunities (occupation undertaken) at the end of your education.
- (d). The table below contains some physical quantities commonly used in real life situations; complete the table using the right symbol, unit, and quantity.

QUANTITY	SYMBOL	UNIT	SYMBOL
Mass	m	kilogram	Kg
Length	l		m
		Seconds	
Electric current	I		
		Kelvin	K
Area			m ²
Density		Kilogram per cubic centimeter	
Pressure			Pa