

535/2
PHYSICS
Paper 2
2 hours



WUNNA EDUCATIONAL SERVICES
LEARNERS' ASSESSMENT BOARD (WESLAB)

Uganda certificate of Lower secondary education

MID-TERM I ASSESSMENT ONE
S.3 PHYSICS PAPER 2
2 hours

INSTRUCTIONS TO CANDIDATES:

This paper consists of one assessment items.

Candidates are not allowed to start working with the apparatus for the first quarter of an hour. This time is to enable candidates; read the items thoroughly, checking for the apparatus they will need and plan appropriately.

A graph paper will be provided.

Mathematical tables and silent non-programmable calculators may be used

Item

The manager of Crystal-Clear Art Studio plans to design custom display cases for the studio's valuable artwork. The artist recommends using glass with a refractive index that ranges between 1.4 and 1.6 to minimize glare and ensure optimal visibility. However, when the manager visited a supplier, they were provided with a sample of glass but were unsure whether it met the specified refractive index.

Task

As a physics student, devise a scientific investigation to help the manager determine if the glass sample provided to has the required refractive index.