



SPECIMEN

GENERAL CERTIFICATE OF SECONDARY EDUCATION

FURTHER ADDITIONAL SCIENCE B

Further Additional Science B B763

Cameras

CONTROLLED ASSESSMENT

**CANDIDATE STIMULUS MATERIAL: PART 1 RESEARCH AND COLLECTING
SECONDARY DATA**

This assessment will be changed every year. Please check on OCR Interchange that you have the Controlled Assessment material valid for the appropriate assessment session.

INFORMATION FOR CANDIDATES

- This document consists of **4** pages. Any blank pages are indicated.

Cameras

Part 1 stimulus material: Research and collecting secondary data

A simple camera, like the one shown in the picture below, has a convex lens that forms a real image on a film that is sensitive to light.



You are going to do some research into cameras.

You should find out:

- how the convex lens forms the image
- the conditions, under which a convex lens forms real images
- what the camera's bellows are used for
- why a 'fixed-focus' camera in a mobile phone does not need bellows.

You will need to:

- write a detailed list of all the sources you used
- write up the information you have found for use in Part 2 and Part 3.

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