



# Cambridge International AS & A Level

---

**GLOBAL PERSPECTIVES & RESEARCH**

**9239/01**

Paper 1 Written Exam

**For examination from 2023**

SPECIMEN PAPER

**1 hour 30 minutes**



You must answer on the enclosed answer booklet.

You will need: Answer booklet (enclosed)  
Insert (enclosed)

---

## INSTRUCTIONS

- Answer **all** questions.
- Follow the instructions on the front cover of the answer booklet. If you need additional answer paper, ask the invigilator for a continuation booklet.

## INFORMATION

- The total mark for this paper is 45.
- The number of marks for each question or part question is shown in brackets [ ].
- The insert contains all the resources referred to in the questions.

---

This document has **2** pages.

Read **both** documents in the accompanying insert and answer **all** the questions.

You should spend approximately 15 minutes reading **both** documents in the insert before attempting to answer the questions. This is allowed for in the time set for the exam.

Write your answers to Question 2 and Question 3 in continuous prose.

### Medical ethics and priorities

- 1 (a) The author of Document A mentions different types of robot.

Identify **two** robots that are already being used. [2]

- (b) The author of Document B refers to a range of ethical issues with using healthcare robots.

Identify **three** ethical issues mentioned by the author. [3]

- 2 Assess the strengths and weaknesses of the evidence used by the author of Document A to support their claims about the development of robotic healthcare equipment.

In your answer include the impact of the evidence on the author's argument. [15]

- 3 The two authors present different arguments and perspectives about the development of robotic healthcare equipment.

Evaluate the arguments of both authors. In your answer, consider their perspectives and include a reasoned judgement about whether one argument is stronger than the other. [25]

---

*Copyright Acknowledgements:*

Document A  
Document B

© Adapted: Mai Iida; *Robot niche expands in senior care*; The Japan Times; June 2013

© Adapted: Dr Catherine Easton; *Carry on Automaton: Legal and Ethical issues relating to Healthcare Robots*; SCL; May 2013

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

Cambridge Assessment International Education is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which itself is a department of the University of Cambridge.