



Cambridge International AS Level

CANDIDATE
NAME



CENTRE
NUMBER

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ENGLISH GENERAL PAPER

8021/22

Paper 2 Comprehension

May/June 2025

1 hour 45 minutes

You must answer on the question paper.

You will need: Insert (enclosed)

INSTRUCTIONS

- Answer **all** questions.
- Use a black or dark blue pen. You may use an HB pencil for any diagrams or graphs.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- Dictionaries are **not** allowed.

INFORMATION

- The total mark for this paper is 50.
- 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 **8** pages. Any blank pages are indicated.

1 (a) Considering the advantages, explain why Tony and Paula Larsen would be **most** likely to choose Camp Imagi as the summer camp for Zandy and Julian.

Answer in continuous prose.

[10]



- (b) Considering **two** advantages, explain **why** Zendy might choose Camp Venchüre as her summer camp destination.

Do **not** refer to the other summer camps or any other family members.

advantage 1

.....

advantage 2

.....

[4]

- (c) Explain **three** reasons why Paula might choose Camp Anim8.

Do **not** refer to the other summer camps or other family members.

reason 1

.....

reason 2

.....

reason 3

.....

[6]





- (d) In your opinion, explain why Tony might prefer his children to attend an **international** summer camp.

.....

.....

.....

..... [2]

- (e) Identify the **one** piece of the Additional Information that is the **least** relevant when Tony and Paula are deciding which summer camp to choose for Zendy and Julian.

.....

..... [1]

- (f) With reference to the description of Camp Venchure, identify **two** different informal language features.

feature 1

.....

feature 2

..... [2]

[Total: 25]





Section B

Read the material for Section B in the insert before answering the questions in Section B.

2 (a) Identify the creature which has inspired the robotic innovation.

..... [1]

(b) Explain the meaning of the following **five** phrases **in the material**.

Answer **using your own words** as far as possible.

(i) excellent burrowers (line 3)

..... [1]

(ii) spaces that might be difficult to access (lines 4–5)

..... [1]

(iii) filled with gel (line 19)

..... [1]

(iv) though it's not as fast on a flat surface (lines 20–21)

..... [1]

(v) it's able to move deeper (line 21)

..... [1]

(c) Describe **three** ways robotic worms can imitate earthworms (lines 8–11).

Answer **in about 30 words** using continuous prose.

.....
.....
.....
.....
.....
..... [3]





- (d) Explain why the Italian Institute of Technology (IIT) group's earthworm-type robot is a significant innovation (lines 24–28).

Answer **in about 20 words** using continuous prose.

.....

.....

.....

..... [2]

- (e) Regarding bioinspired earthworm robots, identify **one** practical function researchers aim to copy.

.....

..... [1]

- (f) Identify **two** differences between earthworms and bioinspired earthworm robots.

difference 1

.....

difference 2

..... [2]

- (g) Identify the organisation which continues to work with General Electric (GE) on tunnelling robots.

..... [1]





- (h) (i) Identify **three** different advantages of the GE robot for commercial clients.

advantage 1

.....

advantage 2

.....

advantage 3

.....

[3]

- (ii) Identify **two** different disadvantages of GE's connection with the military.

disadvantage 1

.....

disadvantage 2

.....

[2]

- (i) Identify **two** advantages of using earthworm-like robots after an earthquake (lines 59–64).

Answer **in about 20 words** using continuous prose.

.....

.....

.....

.....

[2]

- (j) Identify the **exact** word **in the material** which means the following:

- (i) forthcoming (lines 34–39)

..... [1]

- (ii) strategic (lines 44–48)

..... [1]

- (iii) furtive (lines 44–48).

..... [1]

[Total: 25]





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