CAEC Test Sample Questions and Digital Tasks

Screenshots captured from https://caec.vretta.com/#/en/test-auth/shared-test-version/907/4115, July 22nd, 2025.

Sample Tests

Subject specific released items candidates can use to prepare for CAEC tests.

←

- **CAEC Try the Tools**
- **CAEC English Reading**
- **CAEC English Writing**
- **CAEC Math Part I and II**
- **CAEC Math Part I**
- **CAEC Math Part II**
- **CAEC Science**
- **CAEC Social Studies**

- **CCEA Naviguer dans l'évaluation**
- **CCEA Français Lecture**
- **CCEA Français Écriture**
- **CCEA Mathématiques Partie I and II**
- **CCEA Mathématiques Partie I**
- **CCEA Mathématiques Partie II**
- **CCEA Sciences**
- **CCEA Études Sociales**

Q1 – Multiple Select

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Question 1

⚑ Flag this question

From the eight descriptions below, select **four** that are characteristics of science.

☑ Relies primarily on evidence

☐ Relies primarily on feelings and opinions

☐ Requires working alone to keep findings secret

☑ Depends on interactions with a community of people

☐ Aims to prove the existence of the supernatural

☑ Aims to investigate and explain the natural world

☑ Is subject to change when there are new discoveries

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Q 2 – Drag and Drop

Question 2

⚑ Flag this question

Identify the choices that complete the two statements below.

An observation is when a person

records information they collected by using any of their five senses.

tries to predict how other people would feel in a certain situation.

An inference is when a person

provides an explanation for something they see, based on their past experience.

practises a procedure so that they are able to complete a task faster when it is repeated.

Listen

Zoom In

100%

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Q3 – Single Select

Navigate the assessment ⌄

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Question 3

⚑ Flag this question

Which of the following questions **cannot** be investigated through scientific inquiry?

Does coffee taste good?

Will drinking coffee affect blood pressure?

Do different brands of coffee have different amounts of caffeine?

How long does coffee stay warm in cups made from different materials?

100%

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Q13 – Select an Image

A person regularly uses a hot-air popper to make popcorn and wanted to test which brand of kernels would make the most popcorn.

They bought four brands of kernels and measured the same mass of kernels from each brand. One brand at a time was put into the hot-air popper and the kernels were heated for the same length of time. After the heating was finished, they removed the unpopped kernels and then measured the mass of popcorn produced.

The data from the four brands of kernels tested in the investigation are shown in the table below.

Brand of Kernels	Mass of Kernels Added to Hot-air Popper (g)	Mass of Popcorn (g)
R	60.0	6.1
S	60.0	39.9
T	60.0	42.2
V	60.0	47.6

Question 13

⚑ Flag this question

🔗 Hide/Show Popcorn Information

Which of the following graphs **most appropriately** represents the data from the investigation?

Left | Split | Right | Back | Next
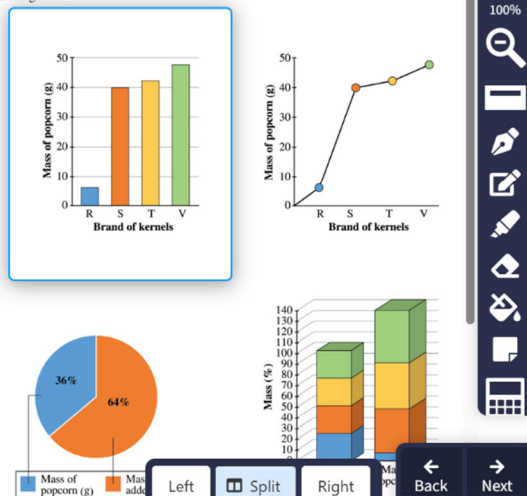
Q18 – Select from Drop-down

Question 18

⚑ Flag this question

🔗 Hide/Show Glass Cleaner Information

Identify the proper storage of the solution and a necessary precaution to take when handling the solution.

Proper Storage of the Solution	A Necessary Precaution When Handling the Solution
⌄	Wear protective gloves ⌄

Navigate the assessment ⌄

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Q23 – Protractor

Pyrotechnicians are responsible for the creation of fireworks displays. To create a particular pattern in a fireworks display, the fireworks tube should be at a 75° angle from the ground and have an inner diameter of 48 millimetres (mm).

The diagrams below show four different angles of a fireworks tube.

Tube A   Tube B

Left   Split   Right   Back   Next

Q24 – Ruler

Pyrotechnicians are responsible for the creation of firework displays. To create a particular pattern in a fireworks display, the tube that releases the fireworks is recommended to be at 75° angle from the ground and have an inner diameter of 48 millimetres (mm).

Shown below is an image of four firework tubes with the edges of the inside diameters marked with black lines.

Question 24

Flag this question

Hide/Show Fireworks Information

The tube that has a diameter of 48 mm is

Tube A	Tube B
Tube C	Tube D

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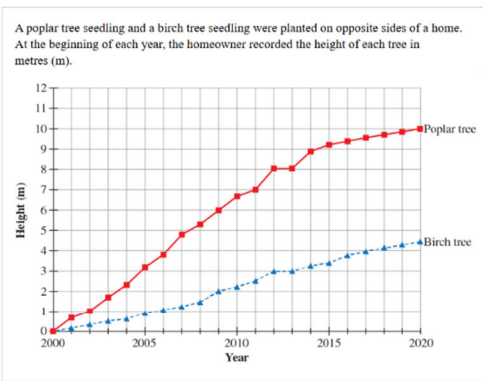- Question 31
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Q27 – Type a number

A poplar tree seedling and a birch tree seedling were planted on opposite sides of a home. At the beginning of each year, the homeowner recorded the height of each tree in metres (m).

Question 27

🔗 Hide/Show Tree Graph

⚑ Flag this question

The height of the birch tree at the beginning of 2009, to the nearest metre, was [ ] m.

Left · Split · Right · Back · Next

Q25 – Drag and Drop Image

The can of oven cleaner shown below contains a corrosive material, and the container may explode if heated or punctured.

Select the **two** household hazard symbols that should be labelled on the container.