



Applaa UCAT Practice Mock 56

Mock Practice Exam Booklet

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Instructions & Study Method

Welcome to your Applaa offline practice booklet. Please follow these guidelines to maximize your learning outcome:

- 1. Distraction-Free Practice:** Solve the multiple-choice questions in Section 1 under timed conditions. Do not look for shortcuts or answers until you are completely done.
- 2. Check & Submit Online:** We have intentionally excluded the answer key from this printout. To get your score, see worked solutions, and track your progress metrics, open: <https://applaa.com/practice/check?exam=ucat&paper;=56> on any browser. Bubble in your answers in our digital check sheet.
- 3. Learn with Appy Buddy (AI Socratic Tutor):** Applaa is a 100% ad-free educational space. Our online AI Tutor guides you step-by-step through questions you get wrong, showing you how to solve them rather than just giving you the answer.

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Section 1: Practice Questions

Question 1 — [Verbal Reasoning / true_false_cant_tell]

Read the passage below and decide if the following statement is True, False, or Can't Tell based on the text.

Passage: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1879, the annual production of sugar in South Africa stood at approximately 55 million metric tons. Following key infrastructure improvements and trade agreements with Chile, production in South Africa surged to 105 million metric tons by 1916. During this same period, Ukraine emerged as the primary global importer of sugar, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Chile produced more sugar than South Africa did between 1879 and 1916.

- A: True
- B: False
- C: Can't Tell

Question 2 — [Verbal Reasoning / true_false_cant_tell]

Read the passage below and decide if the following statement is True, False, or Can't Tell based on the text.

Passage: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1827, the annual production of copper in Ireland stood at approximately 38 million metric tons. Following key infrastructure improvements and trade agreements with Mexico, production in Ireland surged to 81 million metric tons by 1852. During this same period, Netherlands emerged as the primary global importer of copper, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Netherlands signed an official trade treaty with Ireland to secure its import of copper.

- A: True
- B: False
- C: Can't Tell

Question 3 — [Verbal Reasoning / true_false_cant_tell]

Read the passage below and decide if the following statement is True, False, or Can't Tell based on the text.

Passage: In 2022, research conducted by researchers led by Dr. Rosalind Franklin at the Materials Science Lab investigated the properties of Aerogel. Initial experimental setups achieved an energy conversion efficiency of 18 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Aerogel to 42 percent in follow-up trials. Despite these promising results, commercial viability is currently limited by the high cost of raw precursor materials and safety regulations governing nanotechnology manufacturing. Statement: The research at the Materials Science Lab was funded by a government scientific grant.

- A: True
- B: False
- C: Can't Tell

Question 4 — [Verbal Reasoning / true_false_cant_tell]

Read the passage below and decide if the following statement is True, False, or Can't Tell based on the text.

Passage: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1878, the annual production of bauxite in Hungary stood at approximately 64 million metric tons. Following key infrastructure improvements and trade agreements with Switzerland, production in Hungary surged to 121 million metric tons by 1891. During this same period, Canada emerged as the primary global importer of bauxite, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Canada signed an official trade treaty with Hungary to secure its import of bauxite.

- A: True
- B: False
- C: Can't Tell

Question 5 — [Decision Making / error_checking]

How many of the four pictures in the left-hand column are exactly the same as the corresponding picture in the right-hand column?

- A: 0
- B: 1
- C: 2
- D: 3
- E: 4

Question 6 — [Decision Making / error_checking]

How many of the four pictures in the left-hand column are exactly the same as the corresponding picture in the right-hand column?

- A: 0
- B: 1
- C: 2
- D: 3
- E: 4

Question 7 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to EXACTLY one club/group?

- A: 83
- B: 80
- C: 75
- D: 65

Question 8 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to Dog Owners and Cat Owners but NOT Bird Owners?

- A: 6
- B: 11
- C: 1
- D: 13

Question 9 — [Quantitative Reasoning / table_interpretation]

What is the percentage increase in sales of Product Alpha from 2023 to 2025?

- A: 6.6%
- B: -7.0%
- C: -11.3%
- D: 1.2%
- E: -3.8%

Question 10 — [Quantitative Reasoning / table_interpretation]

What is the percentage increase in sales of Product Alpha from 2023 to 2025?

- A: 11.5%
- B: -2.6%
- C: 17.4%
- D: -10.1%
- E: 2.4%

Question 11 — [Quantitative Reasoning / chart_interpretation]

What is the simplified ratio of the revenue of Dept A to that of Dept C?

- A: 9:11
- B: 5:3
- C: 1:4
- D: 3:4
- E: 4:1

Question 12 — [Quantitative Reasoning / table_interpretation]

What are the average annual sales of Product Gamma over the three-year period (in thousands)?

- A: \$154.3k
- B: \$163.4k
- C: \$146.1k
- D: \$141.8k
- E: \$169.3k

Question 13 — [Abstract Reasoning / odd_one_out]

Which of the following boxes does not belong with the others?

- A: Box A
- B: Box B
- C: Box C
- D: Box D
- E: Box E

Question 14 — [Abstract Reasoning / odd_one_out]

Which of the following boxes does not belong with the others?

- A: Box A
- B: Box B
- C: Box C
- D: Box D
- E: Box E

Question 15 — [Abstract Reasoning / set_ab]

Does the Test Shape belong to Set A, Set B, or Neither?

- A: Set A
- B: Set B
- C: Neither

Question 16 — [Abstract Reasoning / odd_one_out]

Which of the following boxes does not belong with the others?

- A: Box A
- B: Box B
- C: Box C
- D: Box D
- E: Box E

Question 17 — [Situational Judgement / appropriateness]

Scenario: A busy junior doctor, Megan, at Saint Luke's is asked by a nurse to prescribe aspirin for a 90-year-old patient in the geriatrics ward she has not yet met or reviewed. She has been on shift for 7 hours. How appropriate is the following action? Action: The doctor writes the prescription over the phone without reviewing the patient's chart or history.

- A: A very appropriate thing to do
- B: Appropriate, but not ideal
- C: Inappropriate, but not awful
- D: A very inappropriate thing to do

Question 18 — [Situational Judgement / appropriateness]

Scenario: A medical student, Charlotte, is assigned to work with Thomas on a pediatrics research project at St. Jude's Hospital. Thomas has not attended meetings or responded to group emails. The project is due in 17 days. How appropriate is the following action? Action: The student sends Thomas a polite message asking him to contribute by tomorrow, copying in the project supervisor.

- A: A very appropriate thing to do
- B: Appropriate, but not ideal
- C: Inappropriate, but not awful
- D: A very inappropriate thing to do

Question 19 — [Situational Judgement / appropriateness]

Scenario: A junior doctor, Hannah, at Saint Luke's discovers that her close colleague, Edward, who has worked there for 12 months, has been falsifying overnight patient observation logs in general surgery. How appropriate is the following action? Action: The doctor decides not to report it to protect her colleague's medical career.

- A: A very appropriate thing to do
- B: Appropriate, but not ideal
- C: Inappropriate, but not awful
- D: A very inappropriate thing to do

Question 20 — [Situational Judgement / appropriateness]

Scenario: During a shift during the Wednesday day-shift at Royal Hospital, a medical student, Emma, witnesses a healthcare assistant roughly handling a confused 88-year-old elderly patient in the dermatology ward, which has been open for 12 months. How appropriate is the following action? Action: The medical student intervenes immediately to protect the patient and reports the behavior to the nurse in charge.

- A: A very appropriate thing to do
- B: Appropriate, but not ideal
- C: Inappropriate, but not awful
- D: A very inappropriate thing to do

Submit Answers & Check worked Solutions

■ Section Complete!

You have completed this practice exam paper. To check your answers and view step-by-step worked explanations:

■ **Go to:** <https://applaa.com/practice/check?exam=ucat&paper;=56>

Simply bubble in your choices (e.g. A, B, C, D) and get instantly scored! You can then review the explanations or chat with Appy Buddy (AI Socratic tutor) to understand complex concepts.