



# Applaa UCAT Practice Mock 85

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;=85> 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 1912, the annual production of wheat in Thailand stood at approximately 66 million metric tons. Following key infrastructure improvements and trade agreements with United Kingdom, production in Thailand surged to 82 million metric tons by 1930. During this same period, Peru emerged as the primary global importer of wheat, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: United Kingdom produced more wheat than Thailand did between 1912 and 1930.

- 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 1871, the annual production of zinc in Romania stood at approximately 17 million metric tons. Following key infrastructure improvements and trade agreements with Japan, production in Romania surged to 50 million metric tons by 1907. During this same period, Thailand emerged as the primary global importer of zinc, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Thailand signed an official trade treaty with Romania to secure its import of zinc.

- 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: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1948, the annual production of copper in Philippines stood at approximately 19 million metric tons. Following key infrastructure improvements and trade agreements with Finland, production in Philippines surged to 71 million metric tons by 1978. During this same period, Sweden 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: Finland produced more copper than Philippines did between 1948 and 1978.

- 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: In 2013, research conducted by researchers led by Dr. Barbara McClintock at the Astrophysics Division investigated the properties of Germanene. Initial experimental setups achieved an energy conversion efficiency of 23 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Germanene to 37 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: Germanene became commercially viable immediately following the trials led by Dr. Barbara McClintock.

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

**Question 5 — [Decision Making / venn\_deduction]**

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

- A: 74
- B: 82
- C: 71
- D: 84

**Question 6 — [Decision Making / venn\_deduction]**

Based on the Venn diagram, how many members belong to AT LEAST two clubs/groups?

- A: 17
- B: 24
- C: 27
- D: 29

**Question 7 — [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 8 — [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 9 — [Quantitative Reasoning / table\_interpretation]**

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

- A: 25.2%
- B: 19.8%
- C: 14.8%
- D: 7.3%
- E: 28.9%

**Question 10 — [Quantitative Reasoning / table\_interpretation]**

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

- A: 39.5%
- B: 22.2%
- C: 45.4%
- D: 30.4%
- E: 17.9%

**Question 11 — [Quantitative Reasoning / table\_interpretation]**

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

- A: \$268.7k
- B: \$241.2k
- C: \$245.5k
- D: \$262.8k
- E: \$253.7k

**Question 12 — [Quantitative Reasoning / chart\_interpretation]**

What is the combined revenue of Dept C and Dept A (in thousands)?

- A: \$160k
- B: \$150k
- C: \$180k
- D: \$140k
- E: \$170k

**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 / 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 16 — [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 17 — [Situational Judgement / appropriateness]**

Scenario: A medical student, Ella, is assigned to work with Matthew on a hematology research project at St. Jude's Hospital. Matthew has not attended meetings or responded to group emails. The project is due in 26 days. How appropriate is the following action? Action: The student completes all of Matthew's assigned research tasks herself without telling the 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 18 — [Situational Judgement / appropriateness]**

Scenario: A medical student, Megan, is assigned to work with Daniel on a neurology research project at County Hospital. Daniel has not attended meetings or responded to group emails. The project is due in 11 days. How appropriate is the following action? Action: The student sends Daniel 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, Sophia, at St. Vincent's is running late during the Wednesday day-shift. A 78-year-old patient arrives 20 minutes late for their appointment on a ward with 38 beds, and the receptionist asks how to proceed. How appropriate is the following action? Action: The doctor asks the receptionist to reschedule the patient for the next available clinic day.

- 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 / importance]**

Scenario: An elderly 75-year-old patient at Mercy Medical Center on Wednesday evening tells a medical student, Sophie, that she lives alone and has no heating. The registrar, who has worked there for 4 years, tells the student to ignore this and focus only on the medical form. How important is the following factor to consider? Factor: The patient's domestic living conditions and safety at home.

- A: Very Important
- B: Important
- C: Of Minor Importance
- D: Not Important at All

# 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;=85>

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.