



Applaa UCAT Practice Mock 23

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;=23> 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 1908, the annual production of coal in Malaysia stood at approximately 18 million metric tons. Following key infrastructure improvements and trade agreements with Pakistan, production in Malaysia surged to 42 million metric tons by 1945. During this same period, Italy emerged as the primary global importer of coal, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Pakistan produced more coal than Malaysia did between 1908 and 1945.

- 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 1899, the annual production of cobalt in Nigeria stood at approximately 55 million metric tons. Following key infrastructure improvements and trade agreements with Chile, production in Nigeria surged to 98 million metric tons by 1929. During this same period, Thailand emerged as the primary global importer of cobalt, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Thailand signed an official trade treaty with Nigeria to secure its import of cobalt.

- 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 1922, the annual production of lithium in Colombia stood at approximately 68 million metric tons. Following key infrastructure improvements and trade agreements with Greece, production in Colombia surged to 111 million metric tons by 1962. During this same period, Nigeria emerged as the primary global importer of lithium, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Greece produced more lithium than Colombia did between 1922 and 1962.

- 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 2018, research conducted by researchers led by Prof. Dorothy Hodgkin at the Renewable Energy Research investigated the properties of Germanene. 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 Germanene to 39 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 Renewable Energy Research was funded by a government scientific grant.

- 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 AT LEAST two clubs/groups?

- A: 36
- B: 31
- C: 33
- D: 26

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: 2
- B: 5
- C: 13
- D: 15

Question 9 — [Quantitative Reasoning / table_interpretation]

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

- A: \$167.4k
- B: \$149.5k
- C: \$162.0k
- D: \$177.0k
- E: \$157.0k

Question 10 — [Quantitative Reasoning / table_interpretation]

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

- A: \$268.4k
- B: \$246.8k
- C: \$274.3k
- D: \$259.3k
- E: \$264.7k

Question 11 — [Quantitative Reasoning / table_interpretation]

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

- A: 34.1%
- B: 25.9%
- C: 39.5%
- D: 43.2%
- E: 49.1%

Question 12 — [Quantitative Reasoning / chart_interpretation]

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

- A: 2:3
- B: 2:5
- C: 1:1
- D: 10:13
- E: 3:1

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: During a shift on a Thursday afternoon at City General Infirmary, a medical student, Isabella, witnesses a healthcare assistant roughly handling a confused 76-year-old elderly patient in the psychiatry ward, which has been open for 8 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

Question 18 — [Situational Judgement / appropriateness]

Scenario: A medical student, Jessica, is assigned to work with Charles on a urology research project at Mount Sinai. Charles has not attended meetings or responded to group emails. The project is due in 30 days. How appropriate is the following action? Action: The student completes all of Charles'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 19 — [Situational Judgement / appropriateness]

Scenario: During a shift during the Monday morning rounds at General Infirmary, a medical student, Sophie, witnesses a healthcare assistant roughly handling a confused 83-year-old elderly patient in the endocrinology ward, which has been open for 9 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

Question 20 — [Situational Judgement / importance]

Scenario: A doctor, Ruby, in the dermatology clinic at Mount Sinai is treating a 16-year-old patient who presents with physical injuries on a busy Saturday shift. The teenager, who is accompanied by a relative, begs the doctor not to tell anyone. How important is the following factor to consider? Factor: The child protection and safeguarding duties of the medical team.

- 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;=23>

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.