



Applaa UCAT Practice Mock 79

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;=79> 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: Public health campaigns in Germany during the late twentieth century made significant progress in combating infectious diseases. In 2000, the incidence rate of Cholera was recorded at 124 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 62 cases per 100,000 people over the next decade. While this decline was celebrated as a major victory, health officials warned that rising temperatures could allow vector populations to rebound in rural regions. Statement: The incidence rate of Cholera per 100,000 people in Germany decreased after the public health campaign.

- 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 1894, the annual production of wheat in Sweden stood at approximately 61 million metric tons. Following key infrastructure improvements and trade agreements with Egypt, production in Sweden surged to 89 million metric tons by 1911. During this same period, Hungary 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: Egypt produced more wheat than Sweden did between 1894 and 1911.

- 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 2010, research conducted by researchers led by Dr. Vera Rubin at the Materials Science Lab investigated the properties of Perovskite. Initial experimental setups achieved an energy conversion efficiency of 26 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Perovskite to 47 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 1883, the annual production of silk in Argentina stood at approximately 11 million metric tons. Following key infrastructure improvements and trade agreements with Netherlands, production in Argentina surged to 55 million metric tons by 1908. During this same period, Australia emerged as the primary global importer of silk, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Australia signed an official trade treaty with Argentina to secure its import of silk.

- 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 / venn_deduction]

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

- A: 35
- B: 40
- C: 45
- D: 37

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 Gamma from 2023 to 2025?

- A: 28.7%
- B: 33.7%
- C: 25.5%
- D: 48.7%
- E: 42.8%

Question 10 — [Quantitative Reasoning / table_interpretation]

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

- A: 34.0%
- B: 6.5%
- C: 14.0%
- D: 10.8%
- E: 19.0%

Question 11 — [Quantitative Reasoning / chart_interpretation]

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

- A: \$190k
- B: \$220k
- C: \$180k
- D: \$200k
- E: \$170k

Question 12 — [Quantitative Reasoning / table_interpretation]

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

- A: \$138.3k
- B: \$143.3k
- C: \$152.4k
- D: \$158.3k
- E: \$130.8k

Question 13 — [Abstract Reasoning / sequence]

Which of the options completes the sequence shown in the diagram?

- A:** `<svg width="70" height="70" viewBox="0 0 70 70" xmlns="http://www.w3.org/2000/svg" style="background-color:#f8f9fa;border:1px solid #ced4da;"> <g><line x1="35" y1="30.0" x2="35" y2="60" stroke="#000000" stroke-width="2" /><polygon points="35,10 45.0,30.0 25.0,30.0" fill="#000000" stroke="#000000" stroke-width="1" /></g> </svg>`
- B:** `<svg width="70" height="70" viewBox="0 0 70 70" xmlns="http://www.w3.org/2000/svg" style="background-color:#f8f9fa;border:1px solid #ced4da;"> <g><line x1="35" y1="30.0" x2="35" y2="60" stroke="#000000" stroke-width="2" /><polygon points="35,10 45.0,30.0 25.0,30.0" fill="#000000" stroke="#000000" stroke-width="1" /></g> </svg>`
- C:** `<svg width="70" height="70" viewBox="0 0 70 70" xmlns="http://www.w3.org/2000/svg" style="background-color:#f8f9fa;border:1px solid #ced4da;"> <g><line x1="35" y1="30.0" x2="35" y2="60" stroke="#000000" stroke-width="2" /><polygon points="35,10 45.0,30.0 25.0,30.0" fill="#000000" stroke="#000000" stroke-width="1" /></g> </svg>`
- D:** `<svg width="70" height="70" viewBox="0 0 70 70" xmlns="http://www.w3.org/2000/svg" style="background-color:#f8f9fa;border:1px solid #ced4da;"> <g><line x1="30.0" y1="35" x2="60" y2="35" stroke="#000000" stroke-width="2" /><polygon points="10,35 30.0,25.0 30.0,45.0" fill="#000000" stroke="#000000" stroke-width="1" /></g> </svg>`
- E:** `<svg width="70" height="70" viewBox="0 0 70 70" xmlns="http://www.w3.org/2000/svg" style="background-color:#f8f9fa;border:1px solid #ced4da;"> <g><line x1="35" y1="30.0" x2="35" y2="60" stroke="#000000" stroke-width="2" /><polygon points="35,10 45.0,30.0 25.0,30.0" fill="#000000" stroke="#000000" stroke-width="1" /></g> </svg>`

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 / importance]

Scenario: A junior doctor, Chloe, has been asked by a colleague to swap a scheduled on-call shift in pediatrics at County Hospital so the colleague can attend an event on a Thursday afternoon. How important is the following factor to consider? Factor: The specific personal reason the colleague wants to swap the shift.

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

Question 18 — [Situational Judgement / appropriateness]

Scenario: A medical student, Lily, is assigned to work with James on a pediatrics research project at St. Vincent's. James 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 completes all of James'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 / importance]

Scenario: A doctor, Megan, in the psychiatry clinic at Mount Sinai is treating a 16-year-old patient who presents with physical injuries on Tuesday morning. 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

Question 20 — [Situational Judgement / appropriateness]

Scenario: A final-year medical student, Sarah, is working at Royal Hospital on Friday night. She notices that a fellow medical student, Paul, has arrived on shift smelling strongly of alcohol. Paul is scheduled to assist in a clinical procedure later that morning on a ward with 25 patients under the supervision of a registrar. How appropriate is the following action? Action: Sarah immediately reports Paul to the supervising consultant 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;=79>

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.