



Applaa UCAT Practice Mock 6

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;=6> 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 1942, the annual production of tea in Romania stood at approximately 37 million metric tons. Following key infrastructure improvements and trade agreements with Nigeria, production in Romania surged to 82 million metric tons by 1978. During this same period, South Africa emerged as the primary global importer of tea, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: South Africa signed an official trade treaty with Romania to secure its import of tea.

- 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 1867, the annual production of tin in Ireland stood at approximately 25 million metric tons. Following key infrastructure improvements and trade agreements with Australia, production in Ireland surged to 81 million metric tons by 1899. During this same period, Singapore emerged as the primary global importer of tin, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Australia produced more tin than Ireland did between 1867 and 1899.

- 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 2019, research conducted by researchers led by Prof. Elena Vance at the Astrophysics Division investigated the properties of Phosphorene. Initial experimental setups achieved an energy conversion efficiency of 28 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Phosphorene to 46 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 Astrophysics Division 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: Public health campaigns in Poland during the late twentieth century made significant progress in combating infectious diseases. In 1981, the incidence rate of Yellow Fever was recorded at 175 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 115 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 Yellow Fever per 100,000 people in Poland decreased after the public health campaign.

- 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 both Tennis and Athletics?

- A: 19
- B: 21
- C: 29
- D: 16

Question 8 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to both Dog Owners and Bird Owners?

- A: 4
- B: 9
- C: 19
- D: 11

Question 9 — [Quantitative Reasoning / table_interpretation]

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

- A: 18.9%
- B: 13.5%
- C: 28.5%
- D: 22.6%
- E: 1.0%

Question 10 — [Quantitative Reasoning / table_interpretation]

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

- A: -10.4%
- B: 4.6%
- C: -5.0%
- D: -22.9%
- E: -18.6%

Question 11 — [Quantitative Reasoning / chart_interpretation]

What is the simplified ratio of the revenue of Dept D to that of Dept B?

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

Question 12 — [Quantitative Reasoning / chart_interpretation]

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

- A: \$270k
- B: \$250k
- C: \$240k
- D: \$260k
- E: \$230k

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 / sequence]

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

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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;"> <rect x="0" y="0" width="70" height="70" rx="4" ry="0" fill="#f8f9fa" stroke="#343a40" stroke-width="2" fill-opacity="1.0" /> <rect x="8.42" y="41.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="10.42" y="4.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="39.42" y="40.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> </svg>

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Question 17 — [Situational Judgement / appropriateness]

Scenario: A medical student, Megan, shadowing a consultant in geriatrics at State Medical Center hears them make a culturally insensitive comment to a colleague in private on Friday night. How appropriate is the following action? Action: The student does not say anything at the time, but later discusses the event confidentially with a faculty advisor.

- 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 junior doctor, Charlotte, at General Infirmary is running late during the Wednesday day-shift. A 77-year-old patient arrives 20 minutes late for their appointment on a ward with 33 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 19 — [Situational Judgement / appropriateness]

Scenario: A medical student, Jessica, on a geriatrics placement at Hope Hospital is told by a 63-year-old patient in confidence during the Monday morning rounds that they plan to physically harm their partner later that day. How appropriate is the following action? Action: The student promises to keep this completely confidential to maintain the patient's trust.

- 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 60-year-old patient at County Hospital on a Thursday afternoon tells a medical student, Sophie, that she lives alone and has no heating. The registrar, who has worked there for 12 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;=6>

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.