



Applaa UCAT Practice Mock 65

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;=65> 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: In 2026, research conducted by researchers led by Prof. Lise Meitner at the Astrophysics Division investigated the properties of Carbon-Nanotubes. Initial experimental setups achieved an energy conversion efficiency of 21 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Carbon-Nanotubes to 33 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 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: Public health campaigns in Canada during the late twentieth century made significant progress in combating infectious diseases. In 2004, the incidence rate of Dengue Fever was recorded at 230 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 168 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 Dengue Fever per 100,000 people in Canada decreased after the public health campaign.

- 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 1946, the annual production of nickel in Vietnam stood at approximately 40 million metric tons. Following key infrastructure improvements and trade agreements with Chile, production in Vietnam surged to 60 million metric tons by 1976. During this same period, Spain emerged as the primary global importer of nickel, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: The annual production of nickel in Vietnam was higher in 1976 than it was in 1946.

- 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 1943, the annual production of cobalt in Canada stood at approximately 17 million metric tons. Following key infrastructure improvements and trade agreements with South Africa, production in Canada surged to 70 million metric tons by 1959. During this same period, Malaysia 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: South Africa produced more cobalt than Canada did between 1943 and 1959.

- 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 EXACTLY one club/group?

- A: 53
- B: 43
- C: 48
- D: 40

Question 7 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to both Tennis and Athletics?

- A: 25
- B: 15
- C: 5
- D: 10

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: 20
- B: 5
- C: 10
- D: 18

Question 9 — [Quantitative Reasoning / chart_interpretation]

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

- A: \$170k
- B: \$160k
- C: \$130k
- D: \$120k
- E: \$140k

Question 10 — [Quantitative Reasoning / table_interpretation]

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

- A: \$256.3k
- B: \$228.8k
- C: \$236.3k
- D: \$241.3k
- E: \$233.1k

Question 11 — [Quantitative Reasoning / table_interpretation]

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

- A: \$154.0k
- B: \$139.0k
- C: \$130.8k
- D: \$144.4k
- E: \$126.5k

Question 12 — [Quantitative Reasoning / table_interpretation]

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

- A: \$229.7k
- B: \$217.2k
- C: \$224.7k
- D: \$235.1k
- E: \$244.7k

Question 13 — [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 14 — [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="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>`
- 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="35" y1="40.0" x2="35" y2="10" stroke="#000000" stroke-width="2" /><polygon points="35,60 45.0,40.0 25.0,40.0" 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 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 / 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 junior doctor, Megan, at Saint Luke's discovers that her close colleague, James, who has worked there for 2 months, has been falsifying overnight patient observation logs in dermatology. 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 18 — [Situational Judgement / importance]

Scenario: A junior doctor, Jessica, at County Hospital is deciding whether to escalate a deteriorating 92-year-old patient in the general surgery ward to the registrar on call on a Thursday afternoon. How important is the following factor to consider? Factor: Whether the registrar will be annoyed or irritated by the call.

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

Question 19 — [Situational Judgement / appropriateness]

Scenario: A junior doctor, Alice, notices that a senior registrar at State Medical Center has been prescribing albuterol at an unusually high dose to multiple patients in the urology department on Friday night. She is confident the dose exceeds safe guidelines. How appropriate is the following action? Action: The junior doctor raises her concern directly with the registrar first, and escalates it to the consultant if the issue remains unresolved.

- 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: A medical student, Jessica, is assigned to work with Gary on a urology research project at State Medical Center. Gary has not attended meetings or responded to group emails. The project is due in 32 days. How appropriate is the following action? Action: The student completes all of Gary'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

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;=65>

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.