



# Applaa UCAT Practice Mock 42

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;=42> 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 1946, the annual production of coffee in Brazil stood at approximately 32 million metric tons. Following key infrastructure improvements and trade agreements with Pakistan, production in Brazil surged to 74 million metric tons by 1963. During this same period, Spain emerged as the primary global importer of coffee, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Spain signed an official trade treaty with Brazil to secure its import of coffee.

- 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 1823, the annual production of iron ore in Philippines stood at approximately 14 million metric tons. Following key infrastructure improvements and trade agreements with Malaysia, production in Philippines surged to 60 million metric tons by 1843. During this same period, Romania emerged as the primary global importer of iron ore, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Romania signed an official trade treaty with Philippines to secure its import of iron ore.

- 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 1841, the annual production of oil in Chile stood at approximately 76 million metric tons. Following key infrastructure improvements and trade agreements with Norway, production in Chile surged to 91 million metric tons by 1877. During this same period, Sweden emerged as the primary global importer of oil, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Norway produced more oil than Chile did between 1841 and 1877.

- 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 Egypt during the late twentieth century made significant progress in combating infectious diseases. In 1993, the incidence rate of Yellow Fever was recorded at 217 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 156 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 Egypt 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 / 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 / venn\_deduction]**

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

- A: 79
- B: 85
- C: 67
- D: 77

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

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

- A: \$195.1k
- B: \$177.8k
- C: \$186.0k
- D: \$173.5k
- E: \$181.0k

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

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

- A: \$212.1k
- B: \$190.5k
- C: \$198.0k
- D: \$203.0k
- E: \$194.8k

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

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

- A: \$240.4k
- B: \$235.0k
- C: \$222.5k
- D: \$230.0k
- E: \$226.8k

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

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

- A: 38.8%
- B: 11.3%
- C: 32.9%
- D: 18.8%
- E: 23.8%

**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 / 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="40.0" y1="35" x2="10" y2="35" stroke="#000000" stroke-width="2" /><polygon points="60,35 40.0,25.0 40.0,45.0" 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="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>`

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

Scenario: A final-year medical student, Emily, is working at Royal Hospital on a Thursday afternoon. She notices that a fellow medical student, Gary, has arrived on shift smelling strongly of alcohol. Gary is scheduled to assist in a clinical procedure later that morning on a ward with 23 patients under the supervision of a registrar. How appropriate is the following action? Action: Emily immediately reports Gary 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

**Question 18 — [Situational Judgement / appropriateness]**

Scenario: A medical student, Isabella, shadowing a consultant in pediatrics at East Valley Hospital hears them make a culturally insensitive comment to a colleague in private on Tuesday morning. 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 19 — [Situational Judgement / appropriateness]**

Scenario: A busy junior doctor, Jessica, at Methodist Hospital is asked by a nurse to prescribe albuterol for a 55-year-old patient in the psychiatry ward she has not yet met or reviewed. She has been on shift for 10 hours. How appropriate is the following action? Action: The doctor writes the prescription over the phone without reviewing the patient's chart or history.

- 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, Ruby, is assigned to work with Kevin on a oncology research project at Royal Hospital. Kevin has not attended meetings or responded to group emails. The project is due in 16 days. How appropriate is the following action? Action: The student sends Kevin 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

# 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;=42>

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.