



# Applaa UCAT Practice Mock 239

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;=239> 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 1931, the annual production of sugar in Indonesia stood at approximately 18 million metric tons. Following key infrastructure improvements and trade agreements with Portugal, production in Indonesia surged to 36 million metric tons by 1948. During this same period, Pakistan emerged as the primary global importer of sugar, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Pakistan signed an official trade treaty with Indonesia to secure its import of sugar.

- 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 1895, the annual production of lithium in Austria stood at approximately 12 million metric tons. Following key infrastructure improvements and trade agreements with Brazil, production in Austria surged to 49 million metric tons by 1914. During this same period, Venezuela 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: Venezuela signed an official trade treaty with Austria to secure its import of lithium.

- 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: Public health campaigns in Romania during the late twentieth century made significant progress in combating infectious diseases. In 1987, the incidence rate of Cholera was recorded at 277 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 202 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 Romania decreased after the public health campaign.

- 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 Portugal during the late twentieth century made significant progress in combating infectious diseases. In 1997, the incidence rate of Dengue Fever was recorded at 290 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 211 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 nationwide distribution of protective nets cost the government of Portugal over ten million dollars.

- A: True
- B: False
- C: Can't Tell

**Question 5 — [Decision Making / venn\_deduction]**

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

- A: 20
- B: 12
- C: 2
- D: 17

**Question 6 — [Decision Making / venn\_deduction]**

Based on the Venn diagram, how many members belong to Tennis and Swimming but NOT Athletics?

- A: 17
- B: 10
- C: 25
- D: 15

**Question 7 — [Decision Making / venn\_deduction]**

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

- A: 9
- B: 11
- C: 19
- D: 6

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

- A: \$89.2k
- B: \$101.7k
- C: \$107.1k
- D: \$93.5k
- E: \$96.7k

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

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

- A: 2.4%
- B: 6.7%
- C: 29.9%
- D: 20.3%
- E: 14.9%

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

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

- A: 4:3
- B: 10:11
- C: 1:4
- D: 5:3
- E: 1:3

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

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

- A: 1:3
- B: 4:1
- C: 3:5
- D: 7:3
- E: 2:5

**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 / 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;"> <rect x="0" y="0" width="70" height="70" rx="4" ry="0" fill="#f8f9fa" stroke="#343a40" stroke-width="2" fill-opacity="1.0" /> <polygon points="50.5,39.16 60.32044,56.17 40.67956,56.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="14.5,42.16 24.320439999999998,59.17 4.67956,59.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="52.5,27.84 62.32044,10.83 42.67956,10.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,28.84 28.320439999999998,11.83 8.67956,11.83" fill="#888888" stroke="#000000" stroke-width="2" /> </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;"> <rect x="0" y="0" width="70" height="70" rx="4" ry="0" fill="#f8f9fa" stroke="#343a40" stroke-width="2" fill-opacity="1.0" /> <polygon points="51.5,62.84 61.32044,45.83 41.67956,45.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="55.5,25.84 65.32044,8.83 45.67956,8.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,31.84 28.320439999999998,14.83 8.67956,14.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,61.84 29.320439999999998,44.83 9.67956,44.83" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>`

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**Question 15 — [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;"> <rect x="0" y="0" width="70" height="70" rx="4" ry="0" fill="#f8f9fa" stroke="#343a40" stroke-width="2" fill-opacity="1.0" /> <polygon points="15.5,6.9 28.1,19.5 15.5,32.1 2.9000000000000004,19.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="53.5,42.9 66.1,55.5 53.5,68.1 40.9,55.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="17.5,37.9 30.1,50.5 17.5,63.1 4.9,50.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="54.5,7.9 67.1,20.5 54.5,33.1 41.9,20.5" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>

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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" /> <polygon points="53.5,36.9 66.1,49.5 53.5,62.1 40.9,49.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,1.9000000000000004 32.1,14.5 19.5,27.1 6.9,14.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="14.5,39.9 27.1,52.5 14.5,65.1 1.9000000000000004,52.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="49.5,5.9 62.1,18.5 49.5,31.1 36.9,18.5" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>

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**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: A final-year medical student, Charlotte, is working at Valley View during the Monday morning rounds. She notices that a fellow medical student, Brian, has arrived on shift smelling strongly of alcohol. Brian is scheduled to assist in a clinical procedure later that morning on a ward with 17 patients under the supervision of a registrar. How appropriate is the following action? Action: Charlotte immediately reports Brian 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, Sophie, shadowing a consultant in endocrinology at Valley View hears them make a culturally insensitive comment to a colleague in private on a Thursday afternoon. 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 / importance]**

Scenario: A medical student, Megan, at Grace Medical Center is writing up a clinical case study about a 75-year-old patient from their urology rotation that lasted 9 weeks. How important is the following factor to consider? Factor: The student's personal opinion of the patient's lifestyle choices.

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

**Question 20 — [Situational Judgement / importance]**

Scenario: A medical student, Lucy, at St. John's Clinic is writing up a clinical case study about a 60-year-old patient from their hematology rotation that lasted 12 weeks. How important is the following factor to consider? Factor: The student's personal opinion of the patient's lifestyle choices.

- 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;=239>

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.