



# Applaa UCAT Practice Mock 54

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;=54> 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 1868, the annual production of wheat in Romania stood at approximately 79 million metric tons. Following key infrastructure improvements and trade agreements with Indonesia, production in Romania surged to 126 million metric tons by 1891. During this same period, Mexico 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: Indonesia produced more wheat than Romania did between 1868 and 1891.

- 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 Pakistan during the late twentieth century made significant progress in combating infectious diseases. In 1996, the incidence rate of Tuberculosis was recorded at 196 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 105 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 Pakistan over ten million dollars.

- 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 1880, the annual production of tea in Philippines stood at approximately 15 million metric tons. Following key infrastructure improvements and trade agreements with Netherlands, production in Philippines surged to 64 million metric tons by 1892. During this same period, Denmark 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: Netherlands produced more tea than Philippines did between 1880 and 1892.

- 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 1941, the annual production of zinc in Singapore stood at approximately 58 million metric tons. Following key infrastructure improvements and trade agreements with Greece, production in Singapore surged to 79 million metric tons by 1951. During this same period, Saudi Arabia emerged as the primary global importer of zinc, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Saudi Arabia signed an official trade treaty with Singapore to secure its import of zinc.

- 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: 67
- B: 57
- C: 59
- D: 47

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

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

- A: 13
- B: 23
- C: 21
- D: 3

**Question 8 — [Decision Making / venn\_deduction]**

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

- A: 66
- B: 64
- C: 69
- D: 59

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

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

- A: 10.2%
- B: 6.5%
- C: 16.1%
- D: -3.9%
- E: 1.1%

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

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

- A: 3:5
- B: 2:5
- C: 5:6
- D: 5:3
- E: 3:2

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

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

- A: 9.2%
- B: -18.3%
- C: -14.0%
- D: -10.8%
- E: -5.8%

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

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

- A: 7.5%
- B: 16.6%
- C: -5.0%
- D: 12.9%
- E: -0.7%

**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?

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**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;"> <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="50.5,60.84 60.32044,43.83 40.67956,43.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,7.16 29.320439999999998,24.17 9.67956,24.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="51.5,9.16 61.32044,26.17 41.67956,26.17" fill="#888888" stroke="#000000" stroke-width="2" /> </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 County Hospital is running late during the Monday morning rounds. A 74-year-old patient arrives 20 minutes late for their appointment on a ward with 27 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 18 — [Situational Judgement / importance]**

Scenario: A GP, Hannah, in endocrinology at Saint Luke's is deciding whether to refer an anxious 81-year-old patient for an MRI scan for back pain, which is not clinically indicated. The patient has been experiencing symptoms for 5 weeks. How important is the following factor to consider? Factor: The patient's anxiety and their explicit request for the scan.

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

**Question 19 — [Situational Judgement / appropriateness]**

Scenario: A junior doctor, Grace, notices that a senior registrar at City General Infirmary has been prescribing lisinopril at an unusually high dose to multiple patients in the emergency department on Tuesday morning. 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, Chloe, is assigned to work with Charles on a pediatrics research project at Grace Medical Center. Charles has not attended meetings or responded to group emails. The project is due in 28 days. How appropriate is the following action? Action: The student completes all of Charles'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;=54>

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.