



# Applaa UCAT Practice Mock 131

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;=131> 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 1865, the annual production of iron ore in Argentina stood at approximately 55 million metric tons. Following key infrastructure improvements and trade agreements with Morocco, production in Argentina surged to 92 million metric tons by 1900. During this same period, Japan 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: The annual production of iron ore in Argentina was higher in 1900 than it was in 1865.

- 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 1854, the annual production of wheat in Indonesia stood at approximately 21 million metric tons. Following key infrastructure improvements and trade agreements with Portugal, production in Indonesia surged to 70 million metric tons by 1887. During this same period, Singapore 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: Singapore signed an official trade treaty with Indonesia to secure its import of wheat.

- 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 Czechia during the late twentieth century made significant progress in combating infectious diseases. In 2003, the incidence rate of Tuberculosis was recorded at 216 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: Rising temperatures caused the incidence rate of Tuberculosis to increase during the 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: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1906, the annual production of zinc in Argentina stood at approximately 49 million metric tons. Following key infrastructure improvements and trade agreements with Colombia, production in Argentina surged to 79 million metric tons by 1918. During this same period, Kenya 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: The annual production of zinc in Argentina was higher in 1918 than it was in 1906.

- 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 Dog Owners and Bird Owners?

- A: 14
- B: 9
- C: 11
- D: 19

**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 Gamma over the three-year period (in thousands)?

- A: \$161.5k
- B: \$157.2k
- C: \$175.1k
- D: \$169.7k
- E: \$184.7k

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

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

- A: 32.0%
- B: 37.9%
- C: 22.9%
- D: 17.9%
- E: 10.4%

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

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

- A: 2:3
- B: 3:1
- C: 7:6
- D: 1:1
- E: 5:3

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

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

- A: 18.8%
- B: -4.4%
- C: -1.2%
- D: 9.2%
- E: 3.8%

**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 / 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="50.5,5.9 63.1,18.5 50.5,31.1 37.9,18.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,7.9 32.1,20.5 19.5,33.1 6.9,20.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="55.5,38.9 68.1,51.5 55.5,64.1 42.9,51.5" 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="54.5,6.9 67.1,19.5 54.5,32.1 41.9,19.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,7.9 31.1,20.5 18.5,33.1 5.9,20.5" fill="#888888" stroke="#000000" stroke-width="2" /> <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="17.5,41.9 30.1,54.5 17.5,67.1 4.9,54.5" fill="#888888" stroke="#000000" stroke-width="2" /> </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;"> <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="51.5,42.9 64.1,55.5 51.5,68.1 38.9,55.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="54.5,6.9 67.1,19.5 54.5,32.1 41.9,19.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="14.5,37.9 27.1,50.5 14.5,63.1 1.9000000000000004,50.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,6.9 32.1,19.5 19.5,32.1 6.9,19.5" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>

**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 medical student, Sarah, is assigned to work with Thomas on a general surgery research project at Valley View. Thomas has not attended meetings or responded to group emails. The project is due in 35 days. How appropriate is the following action? Action: The student sends Thomas 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

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

Scenario: During a shift on Tuesday morning at Methodist Hospital, a medical student, Charlotte, witnesses a healthcare assistant roughly handling a confused 89-year-old elderly patient in the urology ward, which has been open for 3 months. How appropriate is the following action? Action: The medical student intervenes immediately to protect the patient and reports the behavior to the nurse 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 19 — [Situational Judgement / importance]**

Scenario: A medical student, Mia, at State Medical Center is writing up a clinical case study about a 89-year-old patient from their oncology rotation that lasted 11 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 / appropriateness]**

Scenario: A busy junior doctor, Sarah, at East Valley Hospital is asked by a nurse to prescribe lisinopril for a 70-year-old patient in the neurology ward she has not yet met or reviewed. She has been on shift for 6 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

# 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;=131>

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.