



# Applaa UCAT Practice Mock 201

Mock Practice Exam Booklet

## Applaa: Socratic Practice Engine

Submit and grade your answers online for instant worked solutions:

<https://applaa.com/practice/check?exam=ucat&paper=201>

# 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;=201> 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.

## ■ SUPERCHARGE YOUR STUDIES WITH APPLAA DESKTOP APP

Tired of printing PDFs and manual grading? Download the **Applaa Desktop Application**. It includes interactive exam mocks, real-time pacing stats, auto-grading, and personalized Socratic AI support. Get a **14-day free trial** of our premium preparation package to track your progress rate.

**Download:** <https://applaa.com/download>

# 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 1844, the annual production of zinc in India stood at approximately 20 million metric tons. Following key infrastructure improvements and trade agreements with Peru, production in India surged to 43 million metric tons by 1869. During this same period, Egypt 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: Peru produced more zinc than India did between 1844 and 1869.

- 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 France during the late twentieth century made significant progress in combating infectious diseases. In 1992, the incidence rate of Yellow Fever was recorded at 201 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 132 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 France 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 1848, the annual production of iron ore in Greece stood at approximately 29 million metric tons. Following key infrastructure improvements and trade agreements with Turkey, production in Greece surged to 59 million metric tons by 1865. During this same period, Vietnam 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 Greece was higher in 1865 than it was in 1848.

- 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: In 2020, research conducted by researchers led by Prof. Richard Feynman at the Materials Science Lab investigated the properties of Graphene. Initial experimental setups achieved an energy conversion efficiency of 15 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Graphene to 28 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 team led by Prof. Richard Feynman managed to increase the energy conversion efficiency of Graphene.

- 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 AT LEAST two clubs/groups?

- A: 51
- B: 43
- C: 33
- D: 38

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

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

- A: 8.5%
- B: 3.1%
- C: -5.1%
- D: 12.2%
- E: -1.9%

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

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

- A: \$203.8k
- B: \$211.3k
- C: \$216.3k
- D: \$225.4k
- E: \$231.3k

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

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

- A: -6.9%
- B: 1.3%
- C: 16.3%
- D: -3.7%
- E: -11.2%

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

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

- A: 3:2
- B: 5:2
- C: 2:1
- D: 3:1
- E: 11:5

**Question 13 — [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="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>`
- 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 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 / set\_ab]**

Does the Test Shape belong to Set A, Set B, or Neither?

- A:** Set A
- B:** Set B
- C:** Neither

**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 medical student, Emma, is assigned to work with Kevin on a neurology research project at Mercy Medical Center. Kevin has not attended meetings or responded to group emails. The project is due in 29 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

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

Scenario: A medical student, Sophia, at Southside Medical is deciding whether to raise a complaint about a consultant in psychiatry who is consistently 38 minutes late to teaching sessions. How important is the following factor to consider? Factor: How popular the consultant is among the rest of the student cohort.

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

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

Scenario: A medical student, Chloe, is assigned to work with Charles on a general surgery research project at Mercy Medical Center. Charles has not attended meetings or responded to group emails. The project is due in 33 days. How appropriate is the following action? Action: The student sends Charles 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 20 — [Situational Judgement / importance]**

Scenario: A junior doctor, Lily, in pediatrics at City General Infirmary is considering whether to stay past her shift on Friday night to finish routine paperwork. She has already worked 4 hours. How important is the following factor to consider? Factor: The doctor's current level of fatigue and its potential impact on accuracy.

- 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;=201>

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.