



Applaa UCAT Practice Mock 230

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;=230> 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: Public health campaigns in Turkey during the late twentieth century made significant progress in combating infectious diseases. In 1973, the incidence rate of Malaria was recorded at 142 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 51 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 Turkey over ten million dollars.

- 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 Philippines during the late twentieth century made significant progress in combating infectious diseases. In 2015, the incidence rate of Cholera was recorded at 142 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 83 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 Cholera to increase during the 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: Public health campaigns in Ukraine during the late twentieth century made significant progress in combating infectious diseases. In 1988, the incidence rate of Tuberculosis was recorded at 183 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 98 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 Tuberculosis per 100,000 people in Ukraine 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 Morocco during the late twentieth century made significant progress in combating infectious diseases. In 2011, the incidence rate of Cholera was recorded at 158 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 87 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 Morocco 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 / venn_deduction]

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

- A: 54
- B: 41
- C: 52
- D: 44

Question 7 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to AT LEAST two clubs/groups?

- A: 25
- B: 35
- C: 40
- D: 43

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: \$261.2k
- B: \$268.7k
- C: \$282.8k
- D: \$273.7k
- E: \$279.1k

Question 10 — [Quantitative Reasoning / chart_interpretation]

What is the combined revenue of Dept B and Dept D (in thousands)?

- A: \$270k
- B: \$290k
- C: \$320k
- D: \$310k
- E: \$280k

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: 5:2
- C: 5:3
- D: 4:5
- E: 3:4

Question 12 — [Quantitative Reasoning / chart_interpretation]

What is the combined revenue of Dept C and Dept A (in thousands)?

- A: \$210k
- B: \$250k
- C: \$260k
- D: \$230k
- E: \$220k

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;"> <rect x="0" y="0" width="70" height="70" rx="4" ry="0" fill="#f8f9fa" stroke="#343a40" stroke-width="2" fill-opacity="1.0" /> <rect x="9.42" y="40.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="8.42" y="7.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="40.42" y="39.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="44.42" y="5.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> </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" /> <rect x="7.42" y="6.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="5.42" y="41.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="39.42" y="10.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> <rect x="43.42" y="40.42" width="20.16" height="20.16" rx="0" ry="0" fill="#888888" stroke="#000000" stroke-width="2" fill-opacity="1.0" /> </svg>`

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Question 14 — [Abstract Reasoning / sequence]

Which of the options completes the sequence shown in the diagram?

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Question 15 — [Abstract Reasoning / sequence]

Which of the options completes the sequence shown in the diagram?

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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 / importance]

Scenario: A GP, Ruby, in cardiology at St. Vincent's is deciding whether to refer an anxious 79-year-old patient for an MRI scan for back pain, which is not clinically indicated. The patient has been experiencing symptoms for 8 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 18 — [Situational Judgement / importance]

Scenario: A junior doctor, Lily, at St. Anthony's is deciding whether to escalate a deteriorating 79-year-old patient in the psychiatry ward to the registrar on call on Tuesday morning. How important is the following factor to consider? Factor: Whether the registrar will be annoyed or irritated by the call.

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

Question 19 — [Situational Judgement / importance]

Scenario: A medical student, Ruby, at Saint Luke's is writing up a clinical case study about a 89-year-old patient from their emergency rotation that lasted 4 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, Grace, at East Valley Hospital is deciding whether to speak up during a consultation in oncology on a Thursday afternoon when they notice a mistake in the treatment plan for a 88-year-old patient. How important is the following factor to consider? Factor: The gender of the patient being treated.

- 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;=230>

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.