



Applaa UCAT Practice Mock 232

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;=232> 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 1835, the annual production of silver in Belgium stood at approximately 49 million metric tons. Following key infrastructure improvements and trade agreements with Pakistan, production in Belgium surged to 73 million metric tons by 1871. During this same period, Kenya emerged as the primary global importer of silver, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Kenya signed an official trade treaty with Belgium to secure its import of silver.

- 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 Romania during the late twentieth century made significant progress in combating infectious diseases. In 2009, the incidence rate of Dengue Fever was recorded at 214 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 153 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 Romania 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: Public health campaigns in Finland during the late twentieth century made significant progress in combating infectious diseases. In 1976, the incidence rate of Malaria was recorded at 169 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 100 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 Malaria 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: In 2014, research conducted by researchers led by Prof. Lise Meitner at the Renewable Energy Research investigated the properties of Titanium-Beta. Initial experimental setups achieved an energy conversion efficiency of 30 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Titanium-Beta to 45 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 at the Renewable Energy Research was funded by a government scientific grant.

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

Question 5 — [Decision Making / venn_deduction]

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

- A: 15
- B: 17
- C: 5
- D: 25

Question 6 — [Decision Making / venn_deduction]

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

- A: 44
- B: 34
- C: 42
- D: 36

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

- A: 36.1%
- B: 8.6%
- C: 21.1%
- D: 30.2%
- E: 16.1%

Question 10 — [Quantitative Reasoning / chart_interpretation]

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

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

Question 11 — [Quantitative Reasoning / table_interpretation]

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

- A: -2.5%
- B: -15.0%
- C: 12.5%
- D: -10.7%
- E: 6.6%

Question 12 — [Quantitative Reasoning / chart_interpretation]

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

- A: \$140k
- B: \$120k
- C: \$170k
- D: \$150k
- E: \$130k

Question 13 — [Abstract Reasoning / sequence]

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

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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;"> <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="17.5,60.84 27.320439999999998,43.83 7.67956,43.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="53.5,8.16 63.32044,25.17 43.67956,25.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,27.84 28.320439999999998,10.83 8.67956,10.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,66.84 60.32044,49.83 40.67956,49.83" fill="#888888" stroke="#000000" stroke-width="2" /> </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;"> <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="18.5,9.16 28.320439999999998,26.17 8.67956,26.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,4.16 60.32044,21.17 40.67956,21.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,61.84 60.32044,44.83 40.67956,44.83" 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="19.5,30.84 29.320439999999998,13.83 9.67956,13.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,25.84 60.32044,8.83 40.67956,8.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,60.84 60.32044,43.83 40.67956,43.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="17.5,39.16 27.320439999999998,56.17 7.67956,56.17" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>

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;"> <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>`
- 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="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>`
- 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="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>`
- 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 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 / 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: During a shift on a busy Saturday shift at St. Mary's Hospital, a medical student, Emily, witnesses a healthcare assistant roughly handling a confused 61-year-old elderly patient in the general surgery ward, which has been open for 11 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 18 — [Situational Judgement / importance]

Scenario: A junior doctor, Megan, at Westside Clinic is deciding whether to escalate a deteriorating 88-year-old patient in the urology ward to the registrar on call on a Thursday afternoon. 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 junior doctor, Sophia, at Southside Medical is deciding whether to escalate a deteriorating 56-year-old patient in the emergency ward to the registrar on call during the Monday morning rounds. 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 20 — [Situational Judgement / appropriateness]

Scenario: A medical student, Megan, on a oncology placement at Methodist Hospital is told by a 73-year-old patient in confidence during a late-night shift that they plan to physically harm their partner later that day. How appropriate is the following action? Action: The student promises to keep this completely confidential to maintain the patient's trust.

- A: A very appropriate thing to do
- B: Appropriate, but not ideal
- C: Inappropriate, but not awful
- D: A very inappropriate thing to do

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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.