



Applaa UCAT Practice Mock 103

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;=103> 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 Vietnam during the late twentieth century made significant progress in combating infectious diseases. In 1979, the incidence rate of Cholera was recorded at 260 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 184 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 Vietnam 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: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1843, the annual production of oil in Czechia stood at approximately 69 million metric tons. Following key infrastructure improvements and trade agreements with Mexico, production in Czechia surged to 97 million metric tons by 1862. During this same period, Australia emerged as the primary global importer of oil, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: The annual production of oil in Czechia was higher in 1862 than it was in 1843.

- 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 1870, the annual production of nickel in Australia stood at approximately 70 million metric tons. Following key infrastructure improvements and trade agreements with Netherlands, production in Australia surged to 110 million metric tons by 1887. During this same period, India emerged as the primary global importer of nickel, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: The annual production of nickel in Australia was higher in 1887 than it was in 1870.

- 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 2016, research conducted by researchers led by Dr. Vera Rubin at the Astrophysics Division investigated the properties of Graphene. Initial experimental setups achieved an energy conversion efficiency of 18 percent. By refining the chemical vapor deposition process and reducing crystalline defects, the team successfully boosted the efficiency of Graphene to 34 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 Dr. Vera Rubin managed to increase the energy conversion efficiency of Graphene.

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

Question 5 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to both Tennis and Athletics?

- A: 14
- B: 9
- C: 4
- D: 17

Question 6 — [Decision Making / venn_deduction]

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

- A: 63
- B: 61
- C: 51
- D: 66

Question 7 — [Decision Making / venn_deduction]

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

- A: 80
- B: 90
- C: 98
- D: 100

Question 8 — [Decision Making / venn_deduction]

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

- A: 2
- B: 12
- C: 4
- D: 7

Question 9 — [Quantitative Reasoning / chart_interpretation]

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

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

Question 10 — [Quantitative Reasoning / table_interpretation]

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

- A: 24.5%
- B: 20.2%
- C: 32.7%
- D: 38.1%
- E: 41.8%

Question 11 — [Quantitative Reasoning / table_interpretation]

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

- A: -18.3%
- B: -10.8%
- C: -14.0%
- D: -5.8%
- E: -0.4%

Question 12 — [Quantitative Reasoning / chart_interpretation]

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

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

Question 13 — [Abstract Reasoning / sequence]

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

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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 / 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 / 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, Alice, in dermatology at Hope Hospital is deciding whether to refer an anxious 88-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 18 — [Situational Judgement / appropriateness]

Scenario: A junior doctor, Mia, at City General Infirmary is running late on a busy Saturday shift. A 68-year-old patient arrives 20 minutes late for their appointment on a ward with 31 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 19 — [Situational Judgement / appropriateness]

Scenario: A medical student, Sarah, is assigned to work with Paul on a urology research project at County Hospital. Paul has not attended meetings or responded to group emails. The project is due in 38 days. How appropriate is the following action? Action: The student completes all of Paul'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

Question 20 — [Situational Judgement / appropriateness]

Scenario: A medical student, Emily, on a cardiology placement at Southside Medical is told by a 84-year-old patient in confidence on Friday night 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

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:

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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.