



Applaa UCAT Practice Mock 191

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;=191> 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 1885, the annual production of nickel in New Zealand stood at approximately 50 million metric tons. Following key infrastructure improvements and trade agreements with Ecuador, production in New Zealand surged to 72 million metric tons by 1913. During this same period, Indonesia 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: Indonesia signed an official trade treaty with New Zealand to secure its import of nickel.

- 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 Peru during the late twentieth century made significant progress in combating infectious diseases. In 1994, the incidence rate of Dengue Fever was recorded at 183 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 84 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 Dengue Fever per 100,000 people in Peru 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: Public health campaigns in Australia during the late twentieth century made significant progress in combating infectious diseases. In 1977, the incidence rate of Cholera was recorded at 133 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 incidence rate of Cholera per 100,000 people in Australia 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 Germany during the late twentieth century made significant progress in combating infectious diseases. In 1996, the incidence rate of Malaria was recorded at 283 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 201 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 5 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to both Dog Owners and Bird Owners?

- A: 15
- B: 20
- C: 18
- D: 10

Question 6 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to both Dog Owners and Bird Owners?

- A: 10
- B: 18
- C: 15
- D: 12

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 EXACTLY one club/group?

- A: 48
- B: 58
- C: 63
- D: 68

Question 9 — [Quantitative Reasoning / table_interpretation]

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

- A: 3.5%
- B: 21.4%
- C: 16.0%
- D: 31.0%
- E: 11.0%

Question 10 — [Quantitative Reasoning / chart_interpretation]

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

- A: \$230k
- B: \$220k
- C: \$210k
- D: \$260k
- E: \$240k

Question 11 — [Quantitative Reasoning / table_interpretation]

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

- A: 35.3%
- B: 53.2%
- C: 47.8%
- D: 62.8%
- E: 56.9%

Question 12 — [Quantitative Reasoning / table_interpretation]

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

- A: 31.8%
- B: 17.7%
- C: 28.1%
- D: 10.2%
- E: 22.7%

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" /> <polygon points="54.5,39.9 67.1,52.5 54.5,65.1 41.9,52.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,3.9 31.1,16.5 18.5,29.1 5.9,16.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="20.5,36.9 33.1,49.5 20.5,62.1 7.9,49.5" fill="#888888" stroke="#000000" stroke-width="2" /> </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" /> <polygon points="18.5,38.9 31.1,51.5 18.5,64.1 5.9,51.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,38.9 63.1,51.5 50.5,64.1 37.9,51.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,5.9 31.1,18.5 18.5,31.1 5.9,18.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="54.5,7.9 67.1,20.5 54.5,33.1 41.9,20.5" fill="#888888" stroke="#000000" stroke-width="2" /> </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;"> <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="16.5,7.9 29.1,20.5 16.5,33.1 3.9,20.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="55.5,39.9 68.1,52.5 55.5,65.1 42.9,52.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="54.5,2.9 67.1,15.5 54.5,28.1 41.9,15.5" 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="15.5,37.9 28.1,50.5 15.5,63.1 2.9,50.5" 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="50.5,37.9 63.1,50.5 50.5,63.1 37.9,50.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,1.9 32.1,14.5 19.5,27.1 6.9,14.5" 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="14.5,6.9 27.1,19.5 14.5,32.1 1.9,19.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="20.5,39.9 33.1,52.5 20.5,65.1 7.9,52.5" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="50.5,1.9 63.1,14.5 50.5,27.1 37.9,14.5" 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="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="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>`
- 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="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>`
- 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="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>`
- 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="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>`

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;"> <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>`
- 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="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>`
- 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="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>`
- 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 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 busy junior doctor, Isabella, at Mount Sinai is asked by a nurse to prescribe codeine for a 92-year-old patient in the geriatrics ward she has not yet met or reviewed. She has been on shift for 3 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

Question 18 — [Situational Judgement / importance]

Scenario: A junior doctor, Hannah, at Methodist Hospital is deciding whether to escalate a deteriorating 67-year-old patient in the emergency ward to the registrar on call during the Wednesday day-shift. 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, Sarah, at Community Health is deciding whether to speak up during a consultation in pediatrics during the Wednesday day-shift 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

Question 20 — [Situational Judgement / importance]

Scenario: A medical student, Chloe, at Community Health is writing up a clinical case study about a 63-year-old patient from their endocrinology rotation that lasted 5 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

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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.