Applaa UCAT Practice Mock 91

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=91

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;=91** 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.

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 Finland during the late twentieth century made significant progress in combating infectious diseases. In 1995, the incidence rate of Cholera was recorded at 232 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 181 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 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 Ukraine during the late twentieth century made significant progress in combating infectious diseases. In 1993, the incidence rate of Yellow Fever was recorded at 182 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: The nationwide distribution of protective nets cost the government of Ukraine 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: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1837, the annual production of tea in Belgium stood at approximately 77 million metric tons. Following key infrastructure improvements and trade agreements with Vietnam, production in Belgium surged to 134 million metric tons by 1849. During this same period, Greece emerged as the primary global importer of tea, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Vietnam produced more tea than Belgium did between 1837 and 1849.

A: True

B: False

C: Can't Tell

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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: During the mid-nineteenth and early twentieth centuries, global trade networks reshaped national economies. In 1865, the annual production of wheat in Chile stood at approximately 39 million metric tons. Following key infrastructure improvements and trade agreements with Turkey, production in Chile surged to 63 million metric tons by 1885. During this same period, Argentina emerged as the primary global importer of wheat, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: Argentina signed an official trade treaty with Chile to secure its import of wheat.

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 AT LEAST two clubs/groups?

A: 37

B: 40

C: 48

D: 50

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

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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: $141.1k
B: $144.8k
C: $135.7k
D: $123.2k
E: $150.7k

Question 10 — [Quantitative Reasoning / chart_interpretation]

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

A: $210k
B: $250k
C: $230k
D: $240k
E: $220k

Question 11 — [Quantitative Reasoning / table_interpretation]

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

A: 6.2%
B: 3.0%
C: -1.3%
D: 11.2%
E: 16.6%

Question 12 — [Quantitative Reasoning / table_interpretation]

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

A: 18.3%
B: 14.0%
C: 26.5%
D: 31.9%
E: 21.5%

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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="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>

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="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 / 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="19.5,44.16 29.320439999999998,61.17 9.67956,61.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="51.5,60.84 61.32044,43.83 41.67956,43.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="20.5,4.16 30.320439999999998,21.17 10.67956,21.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="55.5,9.16 65.32044,26.17 45.67956,26.17" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>

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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="53.5,8.16 63.32044,25.17 43.67956,25.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="20.5,29.84 30.320439999999998,12.83 10.67956,12.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="53.5,60.84 63.32044,43.83 43.67956,43.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="19.5,42.16 29.320439999999998,59.17 9.67956,59.17" 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="20.5,66.84 30.320439999999998,49.83 10.67956,49.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="51.5,29.84 61.32044,12.83 41.67956,12.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="54.5,61.84 64.32044,44.83 44.67956,44.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="18.5,9.16 28.320439999999998,26.17 8.67956,26.17" fill="#888888" stroke="#000000" stroke-width="2" /> </svg>

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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 / 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 / importance]

Scenario: A medical student, Sophia, at St. Jude's Hospital is deciding whether to speak up during a consultation in neurology during the Monday morning rounds when they notice a mistake in the treatment plan for a 65-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 18 — [Situational Judgement / importance]

Scenario: A GP, Ruby, in emergency at Community Health 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 11 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

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Question 19 — [Situational Judgement / appropriateness]

Scenario: A medical student, Emily, shadowing a consultant in geriatrics at City General Infirmary hears them make a culturally insensitive comment to a colleague in private during the Wednesday day-shift. How appropriate is the following action? Action: The student does not say anything at the time, but later discusses the event confidentially with a faculty advisor.

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 final-year medical student, Jessica, is working at General Infirmary on Sunday night. She notices that a fellow medical student, Charles, has arrived on shift smelling strongly of alcohol. Charles is scheduled to assist in a clinical procedure later that morning on a ward with 17 patients under the supervision of a registrar. How appropriate is the following action? Action: Jessica immediately reports Charles to the supervising consultant 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

Check Answers: applaa.com/practice/check?exam=ucat&paper=91

Submit Answers & Check worked Solutions

■ **Section Complete!**
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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.