Applaa UCAT Practice Mock 210

Mock Practice Exam Booklet

Applaa: Socratic Practice Engine

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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;=210** 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 Italy during the late twentieth century made significant progress in combating infectious diseases. In 1977, the incidence rate of Cholera was recorded at 267 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: The nationwide distribution of protective nets cost the government of Italy 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 Colombia during the late twentieth century made significant progress in combating infectious diseases. In 2007, the incidence rate of Tuberculosis was recorded at 300 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 232 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 Colombia 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 Egypt during the late twentieth century made significant progress in combating infectious diseases. In 2010, the incidence rate of Tuberculosis was recorded at 174 cases per 100,000 people. Following a nationwide distribution of protective nets and sanitation improvements, the rate fell to 110 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 Egypt over ten million dollars.

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 1937, the annual production of tin in Romania stood at approximately 38 million metric tons. Following key infrastructure improvements and trade agreements with Switzerland, production in Romania surged to 98 million metric tons by 1958. During this same period, Colombia emerged as the primary global importer of tin, consuming over sixty percent of the total global export supply, although its domestic production remained minimal. Statement: The annual production of tin in Romania was higher in 1958 than it was in 1937.

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: 24

B: 9

C: 14

D: 22

Question 6 — [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 7 — [Decision Making / venn_deduction]

Based on the Venn diagram, how many members belong to Dog Owners and Cat Owners but NOT Bird Owners?

A: 14

B: 19

C: 4

D: 9

Question 8 — [Decision Making / venn_deduction]

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

A: 23

B: 3

C: 13

D: 21

Question 9 — [Quantitative Reasoning / chart_interpretation]

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

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

Question 10 — [Quantitative Reasoning / chart_interpretation]

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

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

Question 11 — [Quantitative Reasoning / table_interpretation]

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

A: 39.1%
B: 31.6%
C: 44.1%
D: 59.1%
E: 49.5%

Question 12 — [Quantitative Reasoning / table_interpretation]

What are the average annual sales of Product Delta over the three-year period (in thousands)?

A: $172.3k
B: $159.8k
C: $164.1k
D: $177.7k
E: $181.4k

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="54.5,8.16 64.32044,25.17 44.67956,25.17" 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="20.5,41.16 30.320439999999998,58.17 10.67956,58.17" 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="16.5,64.84 26.320439999999998,47.83 6.67956,47.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="51.5,8.16 61.32044,25.17 41.67956,25.17" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="17.5,25.84 27.320439999999998,8.83 7.67956,8.83" fill="#888888" stroke="#000000" stroke-width="2" /> <polygon points="49.5,43.16 59.32044,60.17 39.67956,60.17" fill="#888888" stroke="#000000" stroke-width="2" /> </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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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>

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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;"> <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="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>

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

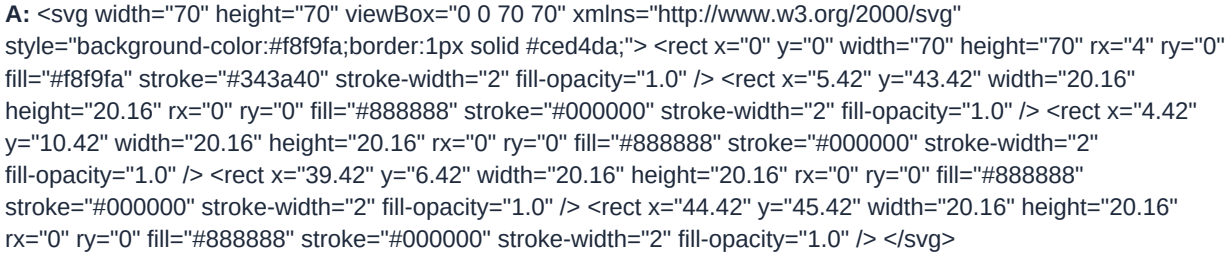
D: Box D

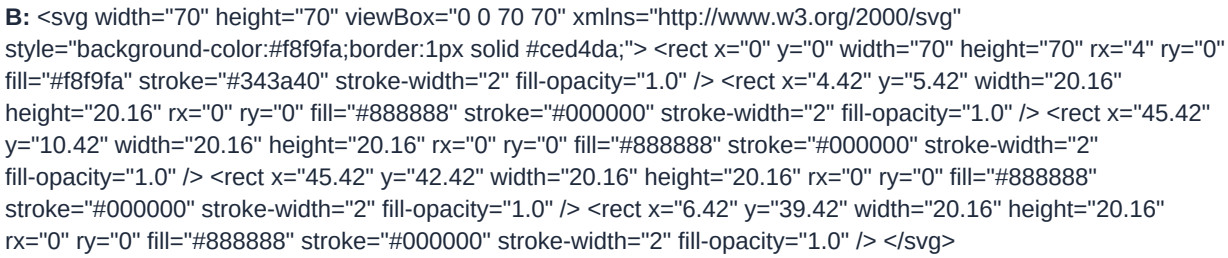
E: Box E

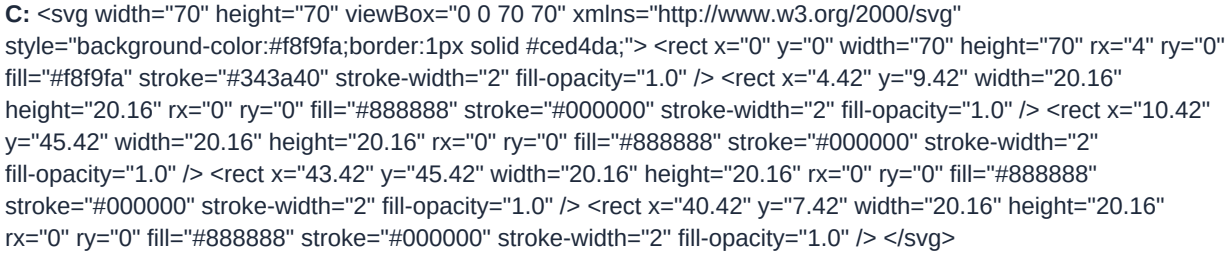
Check Answers: applaa.com/practice/check?exam=ucat&paper=210

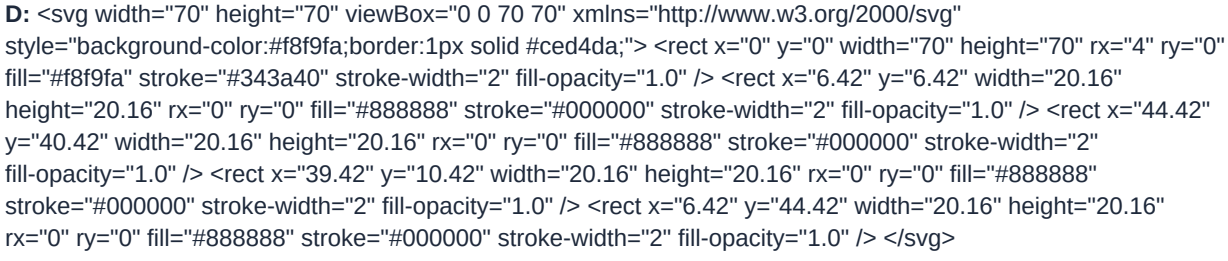
Question 16 — [Abstract Reasoning / sequence]

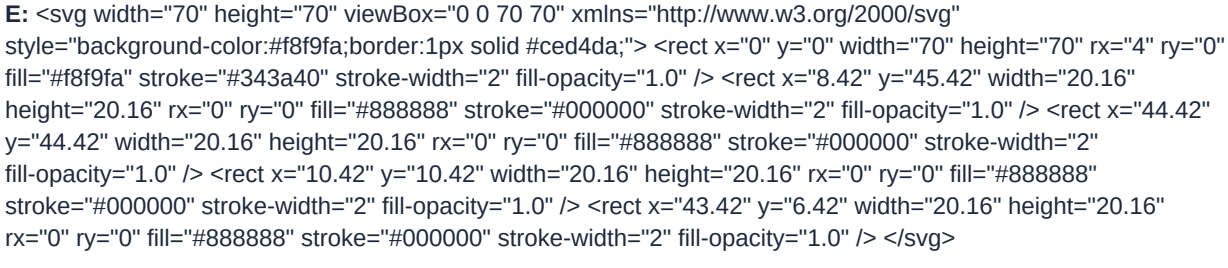
Which of the options completes the sequence shown in the diagram?

A: 

B: 

C: 

D: 

E: 

Question 17 — [Situational Judgement / importance]

Scenario: A medical student, Amelia, at Northside Clinic is deciding whether to raise a complaint about a consultant in urology who is consistently 36 minutes late to teaching sessions. How important is the following factor to consider? Factor: How popular the consultant is among the rest of the student cohort.

A: Very Important

B: Important

C: Of Minor Importance

D: Not Important at All

Question 18 — [Situational Judgement / importance]

Scenario: A GP, Sophie, in hematology at Southside Medical is deciding whether to refer an anxious 91-year-old patient for an MRI scan for back pain, which is not clinically indicated. The patient has been experiencing symptoms for 9 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 19 — [Situational Judgement / importance]

Scenario: A medical student, Olivia, at Royal Hospital is deciding whether to speak up during a consultation in emergency during the Monday morning rounds when they notice a mistake in the treatment plan for a 55-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 / appropriateness]

Scenario: A medical student, Megan, is assigned to work with Edward on a neurology research project at Memorial Hospital. Edward has not attended meetings or responded to group emails. The project is due in 17 days. How appropriate is the following action? Action: The student completes all of Edward'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

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Submit Answers & Check worked Solutions

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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.