

Selective School Placement Test

Free Sample Paper

Thinking Skills

Instructions:

There are usually 40 questions in this test, but as this is just a sample there are only 20 questions in this test.

For each question there are 4 possible answers, A, B, C or D. Choose one correct answer for each question.

You have **20 minutes** to complete this test (usually 40).

You will not lose marks for incorrect answers, so you should attempt all 20 questions.

Calculators and dictionaries are not allowed in the test.

This paper has been designed to replicate the questions that are asked in the real selective school test.

The purpose of taking a practice test is to familiarise yourself with the types of questions you will be asked. The more comfortable you can be with the questions, the faster and more accurate you will be in the test!

Every question is unique - even if it looks similar to one you have already attempted there will be something unique about it that requires you to think differently. If you start recognising question types this is a good thing! It will give you a huge advantage in the test.

There is no better way to prepare for the selective school test than working one-on-one with an expert tutor.

For more details about the test, Alchemy Tuition or our selective school preparation program please visit our website at www.alchemytuition.com.au or www.selectiveschooltutoring.com.au.

Alchemy Tuition

Q1.

Nick's school was selecting students for a new acting course. As well as considering their existing knowledge of acting, the school set them a performance test and an improvisation challenge.

If a student had at least some existing knowledge of acting, then they only had to pass the performance test. If they had none, then they either needed to get an excellent score on the performance test or do well in both the performance test and the improvisation challenge.

Ethan is an experienced actor but failed to get a place on the course. What must have been the reason?

- a. He did badly on the improvisation challenge.
 - b. He did not get an excellent score in performance.
 - c. He failed his performance test.
 - d. He did badly in both performance and improvisation.
-

Q2.

To become a successful chess player, you need to be focused and have excellent patience.

Tom:

"Alex is easily angered, and he is not good at changing tasks quickly. He can't become a great chess player."

Evie:

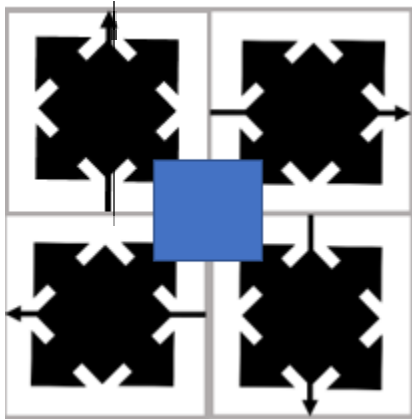
"Tash enjoys long hours of concentrated work and is good at them and he can wait for hours without getting mad. Chess would bore him and she would not be a great player.."

If the information in the box is true, whose reasoning is correct?

- A Tom only
- B Evie only
- C Both Tom and Evie
- D Neither Tom nor Evie

Q3.

Four identical tiles are placed side by side as shown below. I decided to cut a square, over the area indicated by the blue region.



Which of the following could be the cut-out tile?

a.



c.



b.



d.



Q4.

Five houses stand together in a row. One person lives in each house; each person likes a different sport; they all use different forms of transport. We also know that:

- Mr Green likes TENNIS and lives on the right of Ms Orange who rides a SCOOTER.
- Dr Grey rides a SKATEBOARD.
- The person who likes BADMINTON lives in the left end of the row.
- Miss Orange rides a SCOOTER and doesn't like GOLF.
- The person who likes GOLF does not ride a SKATEBOARD.
- Mrs Black likes SWIMMING; she lives next to Miss White.
- Miss white is also next to Mr green.
- The person who rides a SKATEBOARD also likes GOLF.
- The person who likes BASKETBALL lives 3 houses away from the person who likes TENNIS.

Who is at the right end of the row?

- A Dr Grey
- B Miss Orange
- C Mrs Black
- D Mr Green

Q5.

Jane can look up the time it takes for different types of hair treatments on her local hair salon's website.

Jane: "My mum said her hair appointment will require 2 hours, so I'll be able to know what type of hair treatment she is planning on getting by looking through the website."

Which one of the following sentences best shows the mistake Jane has made in her statement?

- a. The same hair treatment may take different times depending on the hairdresser's efficiency.
- b. There may be some treatments that require the same amount of time.
- c. There may be some treatments available that are not shown on the website.
- d. There may be some treatments that take less than 2 hours.

Q6.

Twelve students are studying Mathematics. They take three tests, each marked out of 100. The results of the first two tests taken are shown below.

Name	Test 1	Test 2
Tom	48	53
James	83	85
Alira	61	67
Connor	73	54
Edward	66	59
Heidi	69	78
Jo	33	98
Kai	88	44
Sarah	100	53
Piper	75	78
Layla	81	79
Isabelle	57	65

A prize is awarded to the student with the highest combined total score from the three tests.

If two students are tied for the highest score, nobody gets the prize.

As the scores currently stand, one student is certain to win this prize as long as a high enough score is achieved in the final test.

What is the minimum score in the final test that will guarantee this student the prize?

- A 93
- B 94
- C 96
- D 98

Q7.

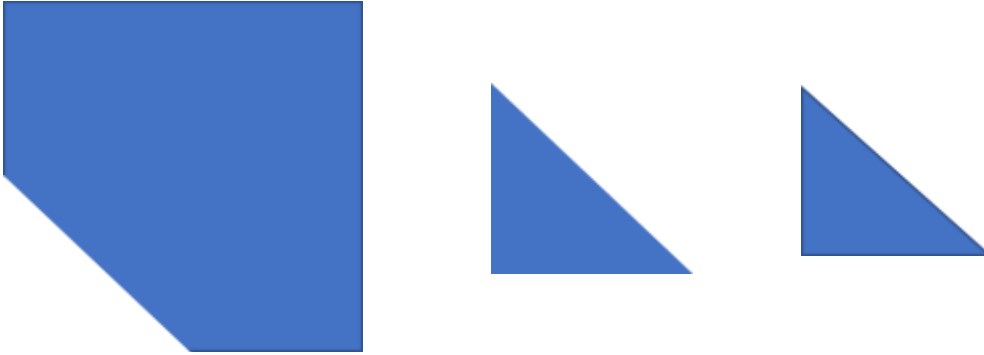
Anh's mother has written a letter to the school. She has suggested that mobile phones should be required in schools as it leads to greater safety for children.

Which one of these statements, if true, most strengthens Anh's mother's argument?

- A. Phones can be used to make calls during class
- B. Phones can have tracking devices and allow calls to emergency services.
- C. Phones are expensive for everyone in the school
- D. Phones require constant charging.

Q8.

Shown below are the three small pieces of a puzzle (not to scale).

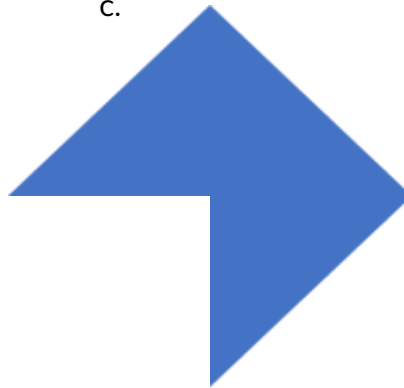


Which of the following big pieces can be combined with the three small pieces to make a square?

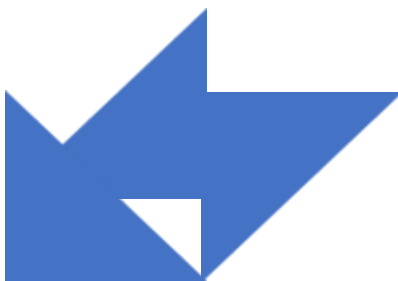
a.



c.



b.



d.



Q9.

When picking the subjects for next year, the year supervisor advised the students that success would only come if the students chose subjects they genuinely enjoyed and were interested in.

Tom: *"My sister said it didn't matter if I liked the subject or not, so long as the teacher was good, I know I will succeed."*

Selena: *"Isn't it easier to just choose subjects you find interesting and will enjoy? I think that like the teacher said, you can really only do well in a subject that you enjoy, regardless of the teacher."*

If the information in the box is true, whose reasoning is correct?

- a. Tom only
 - b. Selena only
 - c. Both Tom and Selena
 - d. Neither Tom nor Selena
-

Q10.

There are 5 girls living in a house where age determines the order in which they get to choose their rooms with the oldest going first. The five girls are Stephanie, Rachel, Katrina, Britney and Anna. Stephanie is 1 year younger than Rachel. Katrina and Rachel are twins. Britney is 3 years older than Stephanie. Katrina is 23 years old. Anna is older than Rachel, but younger than Britney.

Which of the girls gets to choose their room first?

- a. Britney
 - b. Anna
 - c. Stephanie
 - d. Katrina and Rachel choose together
-

Q11.

Jeremy owns 47 hens.

This year, all but 3 of them had chicks.

None of them had more than 2 chicks.

65 chicks were hatched in total.

How many of the Hens had one chick only?

- a. 23
 - b. 21
 - c. 18
 - d. 44
-

Q12.

Jennifer currently plays soccer for The All Stars. but should consider playing for Planet Ball. Planet Ball would be glad to have Jennifer because she is very talented and says she has a much better chance of winning a championship than if she stays on The All Stars. It is true that Jennifer can probably make more money on the All Stars, but her main goal is to win a championship.

Which of the following statements, if true, strengthens the argument?

- a. The Female soccer statistics show that Planet Ball are the team most likely to win a championship in the next 3 years.
 - b. Marsha has never won a championship.
 - c. Marsha is not the most talented player on the All Stars, but will be on Planet Ball.
 - d. Planet Ball is worse than The All Stars as they earn less. Money.
-

Q13.**Alchemy Tuition**

Milla has a book that she can use to look up any school in the world.

Milla: "If you tell me the name of a school, you don't need to tell me which Country it is in, I can look it up in my book."

Which one of the following sentences shows the mistake James has made?

- a. Some students are homeschooled.
 - b. Many schools have changed their names.
 - c. The names of schools in different countries would be in different languages.
 - d. Many schools could have the same name
-

Q14.

Ben, Dave and Sarah have 30 marbles each.

They take it in turns to roll a dice.

- If the number rolled is even, then that player has to give the number of marbles shown on the face of the dice to each of the other two players.
- If the number rolled is odd, then that player receives the number of marbles shown on the face of the dice from each of the other two players.

Ben rolls a 5.

Dave rolls a 2.

If the friends end up with 41, 20 and 29 marbles respectively, which number does Sarah roll?

- a. 1
 - b. 2
 - c. 3
 - d. 4
-

Q15.

Each year in Australia there are over 25,000 car fires, but it is estimated that less than 5 percent of drivers keep a fire extinguisher in their car. If more drivers would carry a fire extinguisher in their car then the number of car fires would be reduced significantly.

What is the **biggest flaw** in the argument above?

- a. It ignores the fact the millions of drivers will never get into a car fire
 - b. It implies that car fires are in some way caused by the lack of a fire extinguisher
 - c. It overlooks the possibility that some fires can't be put out with a fire extinguisher
 - d. It fails to recognise that different fires need different fire extinguishers
-

Q16..

“Whoever came forward for the crime must have been guilty and charged ”

If this statement is true, which one of these sentences must also be true?

- a. If John did not come forward for the crime, he must not have been charged
 - b. If John was not guilty, he could not have come forward for the crime
 - c. If John was both guilty and charged, he must have come forward
 - d. If John did not come forward for the crime, he must not have been guilty
-

Q17.

Sally is trying to figure out the next number in a mathematical sequence but unfortunately she copied one of the numbers down wrong. The sequence she has down is as follows:

8, 15, 13, 20, 18, 29, 23 ...

Assuming that apart from her mistake the sequence pattern continues on correctly, identify the incorrect number and the next number in the sequence (respectively).

- a. 20, 30
 - b. 20, 25
 - c. 25, 30
 - d. 25, 29
-

Q18.

Kevin and Oscar wanted to find out which was the most popular role at their office: Sales, Accountants, Receptionist or Human Resources. They did a survey of all the colleagues at the office and found the following:

- Everyone who liked Sales also liked Accountants
- Some people liked both Accountants and Receptionist
- No one liked both Receptionists and Sales
- There were more people that only liked Accountants than people who liked Receptionists
- All the Human Resources fans were also fans of Sales

Which role was the most popular?

- A. Sales
 - B. Accountants
 - C. Receptionist
 - D. Human Resources
-

Q19.

The age for learning to drive in NSW at 16 years old, should be moved to 18 years old. At 16, children are not mature enough to know how to drive, even with someone teaching them. They are still learning in school and should focus on their academic education, rather than learning how to drive. There is more time later when students have graduated from school at 18, for them to learn to drive. A study has shown that drivers who started learning later are safer drivers than those who started learning earlier.

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Which one of these statements, if true, most **weakens** the above argument?

- A Some students graduate before they are 18
 - B The study referenced above compared 16 year olds and 16 and a half year olds
 - C Not all children go to school at 16
 - D 18 year olds may have to focus on finding a job rather than driving
-

Q20.

I am hiding in one of three rooms. On the door of each room I have written two statements, some true, some false. However, no more than one statement on each door is false.

Room 1	Room 2	Room 3
My hair is pink	My hair is blue	My hair is pink
I am in Room 3	I am in this room	I am in Room 2

Which one of the following statements must be true?

- A I am in Room 2 and have pink hair
 - B I am in Room 2 and have blue hair
 - C I am in Room 1 and have blue hair
 - D I am in Room 1 and have pink hair
-

Answers

Thinking Skills - Sample Paper

Question #	Correct Answer	Question #	Correct Answer
1	C		
2	A		
3	A		
4	C		
5	B		
6	A		
7	B		
8	A		
9	B		
10	A		
11	A		
12	A		
13	D		
14	A		
15	B		
16	B		
17	C		
18	B		
19	B		
20	A		

Take the full test by purchasing one of our practice paper packs at www.selectiveschooltutoring.com.au or www.alchemytuition.com.au.

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