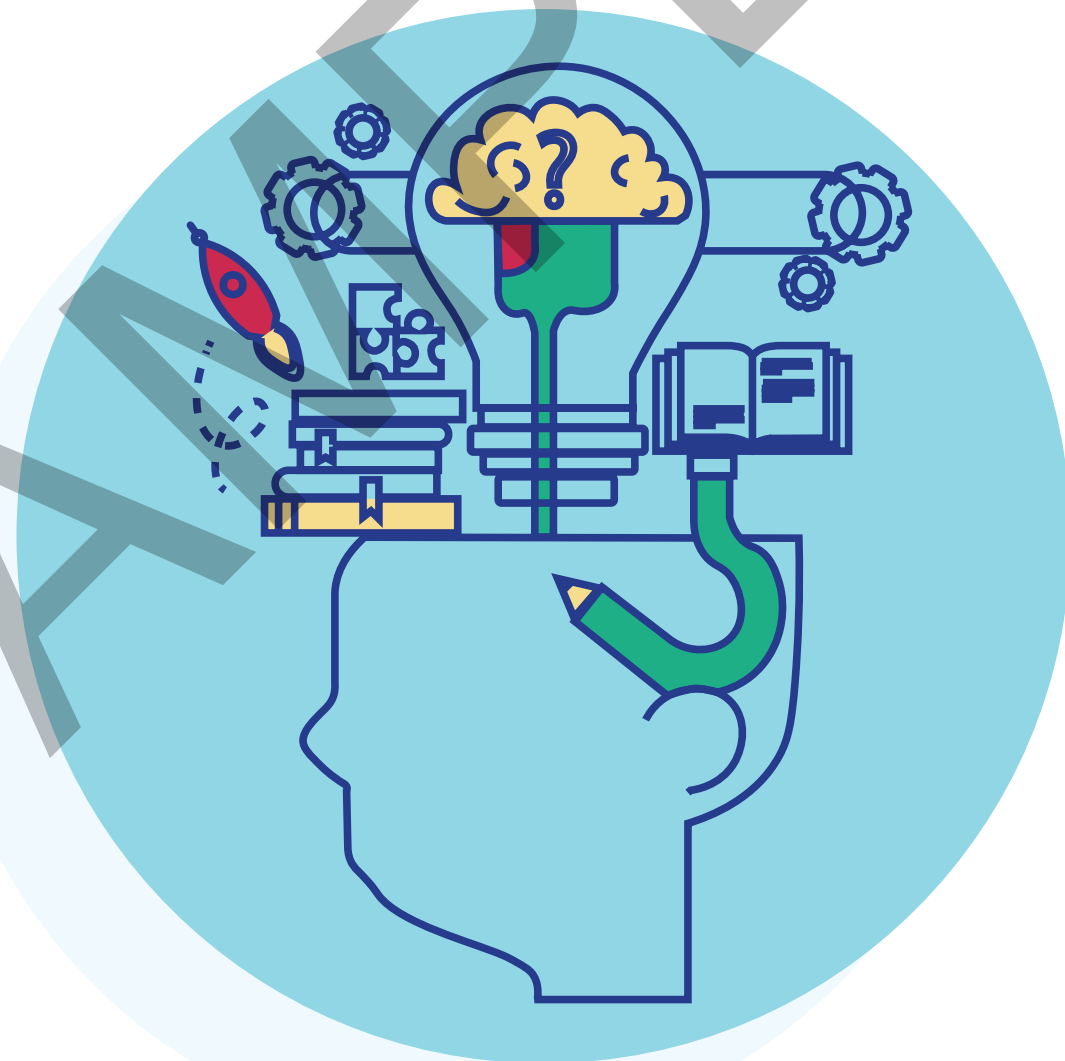


# ESSENTIAL

## OPPORTUNITY CLASS

### THINKING SKILLS

5 Thinking Skills Test Papers



BOOK **3**

RAY LEE | JIMMY LIU

To Cookie, my light,  
and to Phoebe who I hope  
can one day figure out all the questions in this book.

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SAMPLE

1 **Starc:** “To be able to bowl fast in cricket, you must know how to bowl at the wickets”

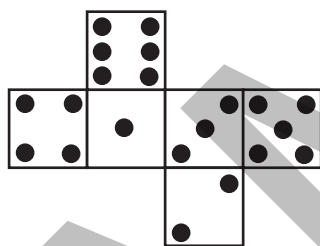
**Tendulkar:** “I bowl very fast, so that means I am accurate”

Which one of these sentences shows the mistake Tendulkar has made?

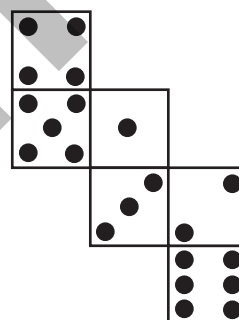
- A Speed doesn't always mean accuracy
- B You need speed to bowl at the wickets
- C Cricket isn't a real sport
- D Tendulkar hasn't practised as much as Starc

2 On a normal dice, the numbers on each pair of opposite sides add up to 7.

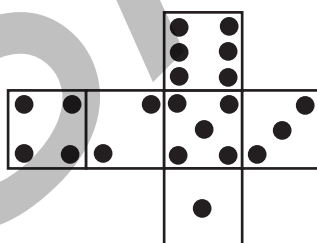
Which one of the following nets shown below is the only one which makes a normal dice when folded?



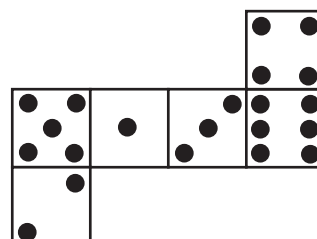
A



B



C



D

- 3** There are six towns (Cali, DJ, Ermington, Forli, Greis, and Hennessey) in a region.

DJ is north of Ermington and northeast of Cali. Ermington is north of Forli and west of Greis. Hennessey is east of Greis.

Which town is northwest of Forli?

- A** Cali
- B** Greis
- C** Hennessey
- D** Ermington

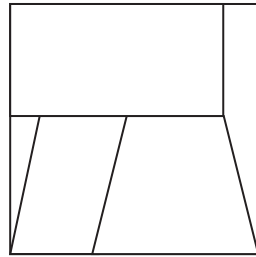
- 4** In a survey of shoppers, everyone who liked Nikes liked Pumas. Everyone who liked Pumas liked NewBalances, but no one who liked Pumas liked Asics.

Danny, Alan, Kevin and Lassie all took part in the survey.

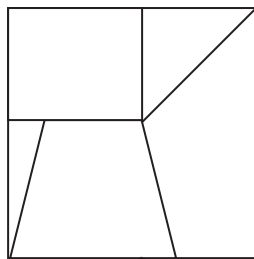
Based on the above information, which one of the following must be true?

- A** If Danny likes NewBalances, he also likes Pumas
- B** If Alan does not like Asics, she does not like NewBalances
- C** If Kevin does not like Nikes, he does not like Pumas
- D** If Jess likes Nikes, she does not like Asics

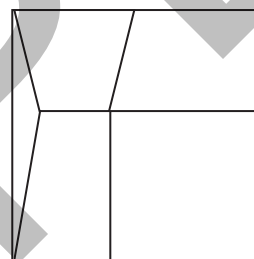
- 5** The diagram shows one of a number of ways that five different shapes can be arranged together to form a square.



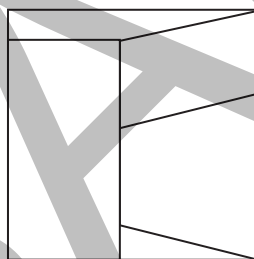
Which one of the following squares consists of the same five shapes as the square above? (They may be turned over.)



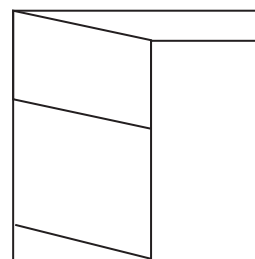
**A**



**B**



**C**



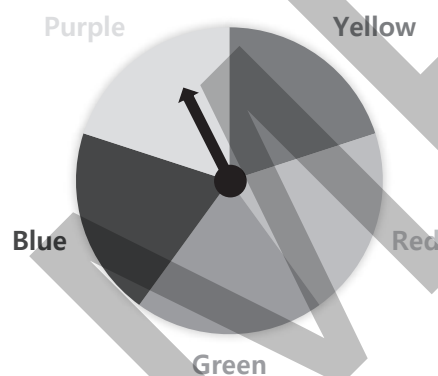
**D**

- 6 Schools should not have uniforms. Without uniforms students can express themselves and wear whatever they want and whatever they feel comfortable in. This means schools should stop making uniforms compulsory.

Which of the following would **weaken** the above argument?

- A Uniforms make students more easily seen which keeps them safe
- B Uniforms are expensive
- C Schools need money so we need uniforms
- D Some people cannot afford uniforms

- 7 Peter has a spinner that is split into five equal sections.



He spins the spinner and it lands on the purple section as shown above.

He is going to spin the spinner once more. Which of the following statements is correct?

- A The probability of landing on a purple again is 10%
- B The probability of landing on a blue is 25%
- C The probability of landing on either blue or green is 40%
- D The probability of not landing on a purple again is 75%

## OC Practice Test Answers

### Thinking Skills 11

| Question | Answer | Explanation                                                                                                                                                                                                                                                                                                                                                            |
|----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1        | A      | C and D are incorrect as it does not reference any information given in both statements. B is incorrect as it does not show any mistakes when compared to Tendulkar statement. Thus, A is the answer.                                                                                                                                                                  |
| 2        | B      | A is incorrect as 5 and 1 are on opposite sides which equals 6. C is incorrect as 4 and 5 are on opposite sides which equals 9. D is incorrect as 5 and 3 are on opposite sides which equals an 8. Thus, B is correct.                                                                                                                                                 |
| 3        | A      | <div style="text-align: center;">             DJ<br/>             Cali    Ermington    Greis    Hennessey<br/>             Forli           </div>                                                                                                                                                                                                                      |
| 4        | D      | D is correct, since Jess likes Nike that means she likes Pumas. And since no one who liked Pumas liked Asics, this means that Jess would not like Asics.                                                                                                                                                                                                               |
| 5        | C      | A and B are incorrect as they are missing the rhombus shape. D is incorrect as it is missing the trapezium. Thus, C is the correct answer.                                                                                                                                                                                                                             |
| 6        | A      | B, C and D do not provide any information that would weaken the statement above. A is correct since it provides proof of easier identification of students thus weakening the argument that students shouldn't have uniforms.                                                                                                                                          |
| 7        | C      | The percentage of landing on a single colour is 20%. A is incorrect since the re-spinning of the spinner does not change the probability of the landing on each colour. B is incorrect as each colour has a 20% of being landed on. D is incorrect since there are four colours other than purple, thus there is an 80% chance not 75%. Hence C is the correct answer. |