Errata

Understanding Thinking Skills for Selective and Scholarship Tests Book 2

ISBN: 9781760326050

Page 9 Question 15

15 In order to determine the most favoured dessert amongst ice cream, chocolate cake, and waffles, a survey was conducted by a sixth-grade class. The results showed that:

- All the children who liked ice cream also liked waffles.
- Some children who liked waffles also liked chocolate cake.
- No child who liked chocolate cake liked ice cream.

We know that Henry likes chocolate cake. Which one of the following statements is true?

A We know that he likes ice cream and waffles.

B We know that he likes waffles but not ice cream.

C We do not know if he likes waffles.

D We do not know that he does not like ice cream.

Page 19 Question 29

29 Three people - Jenny, Arthur and Sunny - are the suspects in a theft. Only one person is guilty. When they are questioned, they give the following statements:

Jenny: “I am not guilty.”
Arthur: “Jenny is guilty.”
Sunny: “Arthur is not guilty.”

However, only one person is lying; the other two are telling the truth. Which one of the following statements must be true?

A Jenny is not guilty.

B Arthur is guilty.

C Jenny is lying.

D Sunny is lying.

Drawing Conclusions

Drawing conclusions are the judgments or decisions reached based on information learned. It requires reasoning or deep thinking and observation skills.

Here's an example of a drawing conclusion question:

1 Josh's coach was selecting the starting XV for the first match next week. As well as considering their current rugby skills, the coach added a fitness test for players.

If an athlete had at least some previous experience playing rugby, then they only had to pass the fitness test. If they had none, then they had to do exceptionally well in the fitness test in order to be considered for the starting XV.

Josh had previous experience playing rugby, however, he failed to get a place on the starting XV. What must have been the reason?

A Josh was sick on the day.

B Josh did exceptionally well in the fitness test.

C Josh failed his fitness test.

D Josh's teammates were more skilled than him.

Drawing conclusion questions typically present you with a scenario and conditions/rules. In order to answer these questions, it is important to understand both of them, especially the conditions/rules.

In this instance:
Scenario: Players are being picked to play in a match according to a set of conditions
Conditions: Experience playing rugby -> pass the Fitness test.
No experience playing rugby -> do EXCEPTIONALLY well in the fitness test.

Here, an important thing that most students fail to recognise is that even if the players fit part of the condition, it does not guarantee a good result. For example, as seen above, even if players have previous experience playing rugby, they must still pass the fitness test to be able to play in the match – i.e, if they don't pass the fitness test, they will not be able to play.

We can then use this information to easily answer the question – why did Josh, who had previous experience playing rugby, fail to make the team? At this point, we've already understood that he must still pass the fitness test – hence, Josh failed to make the team as he failed the fitness test.

Page 30 Question 51

51 Three buttons are connected to a set of four firework machines. Each machine has a different coloured firework. When a button is pressed, a certain combination of fireworks are shot up into the air. If more than one button is pressed at once, the intersecting colours will not be shot up.

Button one releases the blue and green fireworks.
Button two releases red and orange fireworks.
Button three releases the green, orange and blue fireworks.

Which one of the following is true?

A It is not possible to have all fireworks shot up at once.

B The blue firework cannot be released with the red firework.

C It is possible for only the red firework to be shot up.

D The green firework cannot be released with the red firework.

Page 31 Question 52

52 In a maze, there are four different coloured paths that connect to four different rooms - Room 1, Room 2, Room 3 and Room 4. None of these paths cross each other.

The red path leads to Rooms 2 and 3.
The green path leads to Rooms 1 and 2.
The blue path leads to Rooms 1 and 4.
The orange path leads to Rooms 3 and 4.

Which one of the following is true?

A It is not possible to enter Room 3 and then Room 1, in that order.

B The red path overlaps the green path.

C It is possible to enter Room 1 and Room 3 in one path.

D If you've entered Room 1, you could have also entered Room 2 and Room 3.

Answers Pages 103, 104 Question 25,26 & 29

<table>
<tr>
<td>25</td>
<td>C</td>
<td>
<table>
<tr><td></td><td>Mon</td><td>Tue</td><td>Wed</td><td>Thu</td><td>Fri</td></tr>
<tr><td rowspan="3">Morning</td><td>Puss in Shoes</td><td>Evil Dead Sinking</td><td>Big Hero 7</td><td>Super Mario Sisters</td><td>Puss in Shoes</td></tr>
<tr><td>Evil Dead Sinking</td><td>Super Mario Sisters</td><td>Puss in Shoes</td><td>Big Hero 7</td><td>The Credibles 3</td></tr>
<tr><td>Shark 5</td><td>Shark 5</td><td>Shark 5</td><td>Shark 5</td><td>Big Hero 7</td></tr>
<tr><td rowspan="3">Afternoon</td><td>The Credibles 3</td><td>The Credibles 3</td><td>Turning Blue</td><td>Turning Blue</td><td>Turning Blue</td></tr>
<tr><td>Revengers</td><td>Puss in Shoes</td><td>The Credibles 3</td><td>Evil Dead Sinking</td><td>Super Mario Sisters</td></tr>
<tr><td>Big Hero 7</td><td>Ding Dong Ditchers</td><td>Super Mario Sisters</td><td>The Credibiles 3</td><td>Evil Dead Sinking</td></tr>
</table>
</td>
</tr>
<tr>
<td>26</td>
<td>B</td>
<td>
<table>
<tr><td></td><td>Mon</td><td>Tue</td><td>Wed</td><td>Thu</td><td>Fri</td></tr>
<tr><td rowspan="3">Morning</td><td>Dolphin Diving</td><td>Seal Sinking</td><td>Lion’s Land</td><td>Bird Branches</td><td>Dolphin Diving</td></tr>
<tr><td>Lion’s Land</td><td>The Spider’s Silk</td><td>Bird Branches</td><td>Penguin Prancing</td><td>Seal Sinking</td></tr>
<tr><td>Monkeys Moving</td><td>Dolphin Diving</td><td>Penguin Prancing</td><td>Seal Sinking</td><td>The Spider’s Silk</td></tr>
<tr><td rowspan="3">Afternoon</td><td>Penguin Prancing</td><td>Penguin Prancing</td><td>Tiger’s Turf</td><td>Tiger’s Turf</td><td>Tiger’s Turf</td></tr>
<tr><td>Dugong Dancing</td><td>Dugong Dancing</td><td>Dugong Dancing</td><td>Dugong Dancing</td><td>Dugong Dancing</td></tr>
<tr><td>Seal Sinking</td><td>Bird Branches</td><td>Dolphin Diving</td><td>Lion’s Land</td><td>Penguin Prancing</td></tr>
</table>
</td>
</tr>
<tr>
<td>29</td>
<td>C</td>
<td>Jenny and Arthur have conflicting arguments, so one of them must be lying. Sunny supports Arthur, saying that he is not guilty. Since only one person is guilty, Jenny must be guilty and thus lying.</td>
</tr>
</table>