

Practical Reasoning Survey - UK

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PRS Report of Results

PRIVATE AND CONFIDENTIAL

Candidate Name:	Lee Sample
Gender:	Male
Issue Number:	58666-76154
Date Test Completed:	30 April 2009
Duration:	18:43

Scale Description

This scale is concerned with the reasoning ability required for the solution of practical and mechanical problems. High levels of intelligence or general ability are not necessarily associated with an interest in the way things work, or the way in which they can be repaired if broken. The questions in the PRS are all concerned with basic physical and mechanical principles. High scorers will be familiar at least at the intuitive level with the principles underlying the way things are constructed, the way they work and the way the physical world operates. They will be comfortable working with mechanical and scientific principles and be able to appreciate their implications in the practical applications of their work. Lower scores suggest that, however bright in other ways, the person assessed may have no interest in the way things work and have little insight into underlying physical and mechanical principles.

Percentile Score

Lee Sample scored at the 90th percentile, with a raw score of 20, compared to a sample of 3,000 people.

Report

Lee's Practical Reasoning Survey score is in the above average range and compares very well with others. This indicates that Lee will have a high level of practical reasoning and mechanical aptitude and a good grasp of the principles underlying the way things are constructed and the way they work. He would be expected to have little difficulty with the aspects of his work concerned with the application of these principles.

If Lee completed the Practical Reasoning Survey unsupervised, this level of performance should be confirmed using the PRS Check Test presented at the end of this report.

PRS Check Test

The PRS Check Test is a 15 item test; the items selected being the 15 most difficult items that the candidate answered correctly during the online administration. The PRS Check Test for Lee Sample and a scoring key are attached to this report. The candidate should be allowed 15 minutes to complete the test under supervised conditions.

PRS Check Test for Lee Sample

The test below has just 15 items based on your performance when completing the PRS online. These items are pitched at the level at which you succeeded on that occasion, so they should not prove too difficult for you.

For each of the statements below, circle T if you think the statement is TRUE and F if you think the statement is FALSE.

You will have 15 minutes to complete the test.

- | | | | |
|----|---|---|---|
| 1 | At any given speed, a vehicle's wheels will rotate faster if they are larger. | T | F |
| 2 | Shorter people are generally easier to push over than tall people. | T | F |
| 3 | A large drum would make a lower note than a smaller one. | T | F |
| 4 | A playground see-saw works better if the lightest child sits further back at their end. | T | F |
| 5 | A short handbrake lever is more difficult to apply than a longer one. | T | F |
| 6 | In a hot bath, the coolest water is near the surface. | T | F |
| 7 | Ice expands as it melts. | T | F |
| 8 | A person standing in the swimming pool always looks shorter. | T | F |
| 9 | Rowing a boat against the stream is harder work near the bank than in mid-stream. | T | F |
| 10 | The bubbles in a fizzy drink get smaller as they rise up the glass. | T | F |
| 11 | The key to a clockwork toy has to be turned anti-clockwise to wind it up. | T | F |
| 12 | As you drive closer to a facing wall, each headlight beam makes a smaller patch of light. | T | F |
| 13 | In a thunderstorm, you see the lightening before you hear the thunder. | T | F |
| 14 | A canoeist is more in control paddling straight into the waves. | T | F |
| 15 | It is easier to manoeuvre the van which has its front wheels furthest from its rear wheels. | T | F |

PRS Check Test Scoring Key

The following table provides the correct answers for all Practical Reasoning Survey Check Test items. This key will allow you to score Lee Sample's responses to the items in his individualised Check Test.

The items selected for each Check Test are equivalent to the most difficult items answered correctly online. Applicants need to achieve a success rate of about 73% of these items (i.e. a score of 11 or more) to confirm the aptitude suggested by their online test results.

You should expect some variation in Check Test scores. Lower than expected scores cannot confidently be attributed to the candidate having received help with the online questionnaire. High online scores will occasionally be achieved without help by a combination of luck and guesswork. Check Test results should be interpreted as follows:

Check Test Score	Interpretation
0 - 5	Online results are likely to exaggerate true ability - FAIL
6 - 10	Check Test provides only tentative support for online results - QUESTIONABLE RESULT This result is questionable, therefore we would recommend that you ask the candidate to take the online questionnaire again, under supervision. To do this, go to www.psy-key.com , choose 'Online Assessments', and enter the Access Code pcheck. Then ask the candidate to fill in the personal details requested and to go on to complete the questionnaire. As this administration of the test has been supervised you can have complete confidence in the result.
11 - 15	Ability suggested by online results fully confirmed - PASS

1	At any given speed, a vehicle's wheels will rotate faster if they are larger.	F
2	Shorter people are generally easier to push over than tall people.	F
3	A large drum would make a lower note than a smaller one.	T
4	A playground see-saw works better if the lightest child sits further back at their end.	T
5	A short handbrake lever is more difficult to apply than a longer one.	T
6	In a hot bath, the coolest water is near the surface.	F
7	Ice expands as it melts.	F
8	A person standing in the swimming pool always looks shorter.	T
9	Rowing a boat against the stream is harder work near the bank than in mid-stream.	F
10	The bubbles in a fizzy drink get smaller as they rise up the glass.	F
11	The key to a clockwork toy has to be turned anti-clockwise to wind it up.	F
12	As you drive closer to a facing wall, each headlight beam makes a smaller patch of light.	T
13	In a thunderstorm, you see the lightening before you hear the thunder.	T
14	A canoeist is more in control paddling straight into the waves.	T
15	It is easier to manoeuvre the van which has its front wheels furthest from its rear wheels.	F