

## General Assessment Battery GRT2

**Sally Sample**

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prepared for

**H. R. Mann**

N.B. This is a CONFIDENTIAL report, containing personal information to be shown only to decision-makers on a 'NEED-TO-KNOW' basis with the understanding of Ms Sample. If you are unauthorised to read this report, please return it immediately to a qualified test user.

## **REASONING ABILITIES**

The General Reasoning Test Battery (GRT2) is composed of three tests; Numerical Reasoning, Verbal Reasoning and Abstract Reasoning. The level of education required to complete these tests is no greater than school leaving standard. Each test has been constructed and standardised against a general sample.

### **VR2: Verbal Reasoning**

The Verbal Reasoning test assesses a person's ability to use words in a logical way. Consisting of items which involve an understanding of vocabulary, class membership and the relationships between words, the test measures the ability to perceive and understand concepts and ideas expressed verbally. While this test is a measure of reasoning ability rather than educational achievement, it is nonetheless generally recognised that verbal reasoning test scores are sensitive to educational factors. Thus significant discrepancies between verbal and abstract reasoning scores are often used to give an indication of the difference between a person's 'intellectual potential' and their actual attainment.

Sally's performance on the verbal reasoning test places her within the middle band when compared to the reference group. Her score is typical of the comparison group suggesting that her verbal reasoning ability is as strong as most other people's. While she will be able to understand instructions and explanations without too much difficulty it may take her a little time to fully appreciate the logic underlying complex arguments. As able as most to use words in a logical, rational way she should be able to explain concepts she is familiar with with a fair degree of clarity.

### **NR2: Numerical Reasoning**

The Numerical Reasoning Test assesses a person's ability to use numbers in a logical and rational way. The test only requires a basic level of education in order to successfully complete and is therefore measuring numerical ability rather than educational achievement. The test consists of items which assess the candidate's understanding of such things as number series, numerical transformations, the relationships between numbers and their ability to perform numerical computations.




Sally Sample's performance on the Numerical Reasoning Test puts her in the top 5% when compared to the reference group. This demonstrates a very strong grasp of numerical concepts and a good ability to work with numbers in a logical and rational way. Such a level of numerical skill would be expected only among highly numerate members of the population and suggests that she should be more than able to cope with the demands of jobs which are numerically based.

### **AR2: Abstract Reasoning**

The Abstract Reasoning Test assesses the ability to understand complex concepts and assimilate new information beyond previous experience. The test consists of items which require the recognition of patterns and similarities between shapes and figures. As a measure of reasoning it is independent of attainment and can be used to provide an indication of intellectual potential. Assessing the ability to quickly understand and assimilate new information it is likely to predict how responsive to training the person will be.

Sally's score on the Abstract Reasoning Test shows that she has performed at an above average level when compared to the reference group. This indicates a high level of natural or fluid ability. This should enable her to grasp new and complex concepts which fall outside of her previous experience with relative ease. Fairly quick to learn, she should put training and instruction to good use.

## TECHNICAL APPENDIX

Test	Raw	Attempted	Low		Average		High		%ile	
			1	2	3	4	5	6		7
Verbal	23	35 of 35								55
Numerical	25	25 of 25								97
Abstract	21	25 of 25								78

*Norms based on a sample of 4494 General Population. Scores based on stanine values with Mean=5 and SD=2. %ile=percentile i.e. percentage of sample below respondent's score.*