Critical Reasoning Test Battery 2

CRTB2

Critical Reasoning Test Battery 2 (CRTB2) measures the Critical Reasoning which is the ability that is central to all roles that require the incumbent to make logical decisions based on complex information. CRTB2 is a normative test that has been developed to measure this core ability in a time and cost effective manner.

As an input to identify management potential, the assessment has been designed to reflect current real world issues that are relevant to management & business functions. CRTB2 comprises 2 sub-tests:

1. **Verbal Critical Reasoning**
   - Measures the ability to correctly understand complicated written & oral arguments and accurately perceive their consequences.

2. **Numerical Critical Reasoning**
   - Assesses the ability to use numerical information in a logical and rational way.
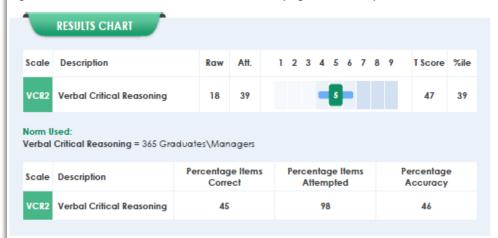
VERBAL CRITICAL REASONING

Scale Description

The Verbal Critical Reasoning Test assesses a person's ability to critically evaluate complex verbal arguments. Consisting of items which involve drawing logical conclusions and inferences from passages of text, this test measures the ability to correctly understand complicated written arguments and accurately perceive the consequences and corollaries of these arguments. While this test is a measure of reasoning ability rather than educational achievement, a person's score on this test will nonetheless be sensitive to educational achievement.

Result Description

Compared to the population of Graduates\Managers respondents, Samantha Sample's performance on the Verbal Critical Reasoning Test places her slightly below average. This suggests that her ability to critically evaluate written arguments and accurately deduce the logical consequences of such arguments may be a little weaker than that of many Graduates\Managers respondents. While she should have little difficulty understanding reports and written instructions and explanations, it may take her some time to fully appreciate the subtle shades of meaning which are contained in such texts. A little less able than many Graduates\Managers respondents to fully understand the complex logic which underlies a given textual argument she should nonetheless be able to use words in a fairly logical, rational way.

RESULTS CHART

Scale	Description	Raw	Att.	1 2 3 4 5 6 7 8 9	T Score	%ile
VCR2	Verbal Critical Reasoning	18	39	5	47	39

Norm Used:
Verbal Critical Reasoning = 365 Graduates\Managers

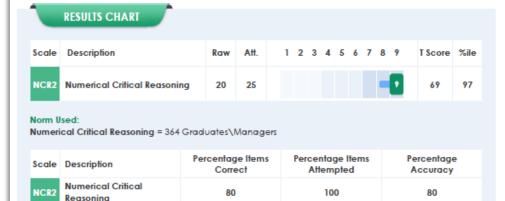| Scale	Description	Percentage Items Correct	Percentage Items Attempted	Percentage Accuracy
VCR2	Verbal Critical Reasoning	45	98	46

NUMERICAL CRITICAL REASONING

Scale Description

The Numerical Critical Reasoning Test assesses a person's ability to use numerical information which is presented in a tabular form in a logical and rational way. The test consists of items which assess the candidate's understanding of a variety of types of tables of numerical information. These include tables of such information as share prices, economic indicators (e.g. exchange rates, rates of inflation, departmental budgets etc.) In order to assess their understanding of this information the test taker is required to identify trends and patterns in the data and perform simple numerical transformations and estimations based on a selection of the appropriate information in each table.

Result Description

Samantha Sample's performance on the Numerical Critical Reasoning Test puts her in the top 5% when compared to Graduates\Managers respondents. This clearly demonstrates that she has a very strong grasp of numerical concepts and a good ability to understand numerical information. Much more able than most Graduates\Managers respondents to understand numerical tables and interpret this information in a logical, rational way, she has a strong ability to use this information to accurately draw inferences and conclusions from the data. Consequently, she should be more than able to cope with the demands of jobs which involve processing numerical information and basing decisions upon such information.

RESULTS CHART

Scale	Description	Raw	Att.	1 2 3 4 5 6 7 8 9	T Score	%ile
NCR2	Numerical Critical Reasoning	20	25	9	69	97

Norm Used:
Numerical Critical Reasoning = 364 Graduates\Managers

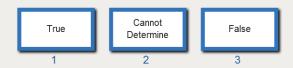| Scale	Description	Percentage Items Correct	Percentage Items Attempted	Percentage Accuracy
NCR2	Numerical Critical Reasoning	80	100	80

CRTB2 Sample Questions

Verbal Reasoning

MARKETING WEEKLY

While the number of commercial radio stations has doubled over the last ten years further growth is limited as no new radio frequencies are now available. While a few popular radio stations are making substantial profits most, however, are running at a loss. This is mostly due to poor audience figures limiting the amount that can be charged for advertising space. In this context, it is expected that some radio stations may go bankrupt within the next few years.

It is likely that the recent rapid expansion in the number of commercial radio stations will continue.

True	Cannot Determine	False
1	2	3

Total Questions: 40   **Test Duration:** 15 minutes

Numerical Reasoning

MEN
% of Men, within each Age Group, citing each of the listed Characteristics as the most important feature of a car.

CHARACTERISTIC	20-29	30-39	40-49	50-59	60-69
Performance	52	32	38	32	26
Economy	3	16	18	20	27
Reliability	20	28	18	22	38
Safety	5	15	13	22	5
Design	20	5	13	6	4

WOMEN
% of Women, within each Age Group, citing each of the listed Characteristics as the most important feature of a car.

CHARACTERISTIC	20-29	30-39	40-49	50-59	60-69
Performance	18	12	8	10	5
Economy	17	24	29	28	32
Reliability	34	32	24	27	35
Safety	18	30	32	31	27
Design	13	2	7	4	1

For Women, which is the least important feature of a car?

Performance	Economy	Reliability	Safety	Design	Cannot say
1	2	3	4	5	6

Total Questions: 15   **Test Duration:** 25 minutes

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