ukgsat™

Technical Summary

2014

UKGSAT is a set of two tests, written in the middle years of the first decade of the 21st century, and comprehensively standardised and validated in the UK, especially in the Education sector.

Measuring Verbal Critical Reasoning and Numerical Critical Reasoning, in contexts familiar to today's middle leaders, and containing reports and data that should be at the right level for those staff, you can be confident that UKGSAT will accurately and quickly indicate an individual's likely aptitude for appointment to middle leadership. UKGSAT measures – at an appropriate level -

VERBAL CRITICAL REASONING

NUMERICAL CRITICAL REASONING

With a high presence in the UK, ASDTi provide a range of services to the 11-19 and Sixth-Form sectors

The UKGSAT began with a search for those abilities regarded as having practical importance to leadership in the middle-to-late years of the first decade of the 21st century.

This exercise involved around a hundred separate interviews, in a variety of different industry segments (Education, Finance, Healthcare, Retail, Wholesale, Professional Services and Manufacturing) in the UK.

To these structured and repertory-grid interviews were added a number of 'focus group' meetings.

The goal was to identify the abilities that were actually 'making a difference' in the workplace, and establish the types of data and written materials that middle leaders and supervisory staff encounter on a regular basis within their work.

Once these were identified, questions were written and standardised. Norms (particularly within Educational Middle Leadership) were developed. You can be sure that the questions are relevant to today's middle-leaders and accurately measure aptitudes that make a real difference to performance.

Test on-line, anywhere!

Complete information on reliability and validity, including predictive validity studies showing excellent results, is given in the technical manual, available to purchase or free with the UKGSAT™. Below is a summary for evaluative purposes.

INTERNAL CONSISTENCY

The UKGSAT™'s two scales both have alphas exceeding 0.83, and for Numerical reasoning, the UKGSAT has an alpha exceeding 0.85.

Compared to other ability and aptitude tests this is very good indeed, and shows that the UKGSAT is highly reliable.

For example, the Graduate and Management Assessment (NFER-NELSON) technical manual mentions alphas of 0.61 (minimum) to 0.85 (maximum) for various test forms and groups. Psytech's GRT-2 (General Reasoning Test) shows alphas of 0.83 and 0.84 (Verbal and Numerical tests respectively), whilst their CRTB (Critical Reasoning Test Battery) shows alphas of 0.83 and 0.82.

TEST-RETEST (STABILITY)

The UKGSAT™ shows exceptional test-retest stability. 103 applicants for positions in a variety of industries completed the questionnaire initially during the summer and autumn of 2003. They were tested again, with an average interval intervening of approximately 4-6 months, and their results were correlated to establish their coefficient alphas. The UKGSAT™ showed stability coefficients that in both cases exceeded 0.82.

ASDTi have been test publishers for over ten years, with a range of psychometrics, normed in the UK

Therefore we can say that the UKGSAT™ shows exceptional stability over time – these figures equaling those produced by other leading instruments.

CONSTRUCT VALIDITY

The UKGSAT™ scales correlate with their equivalents in the Alice Heim Group AH3, ranging from R = 0.71 (Verbal Reasoning) to R = 0.75 (Numerical Reasoning). They correlate with their equivalents in the Psytech GRT-2 (which may be considered less a test of critical reasoning and more a test of general mathematical and verbal reasoning), ranging from R = 0.69 (Numerical reasoning) to R = 0.68 (Verbal Reasoning).

The correlation figures for the UKGSAT™ equal or exceed those reported for major psychological tests and can be considered strong support for the UKGMAT™ having excellent psychometric properties.

Relevant to today's schools and colleges, UKGSAT taps into ability and aptitude using the language of today's workforce. Relevant, modern and cutting-edge - that's UKGSAT!

Because we constructed the UKGSAT from first principles, we could achieve class-leading

reliability and validity. Valid, and reliable - that's UKGSAT!

Nothing is more flexible than UKGSAT™.

UKGSAT has two tests:
* Verbal Critical Reasoning
* Numerical Critical Reasoning.

UKGSAT™ is extremely powerful, very reliable and supremely accurate – yet it's incredibly simple to use.

We carry out all testing for you – on-line, with no hassle to yourself. All we need is a contact number and e-mail address for the people you would like to test. You will usually have your report within a couple of days (and it can be within the hour if the testee is available).

As described previously, UKGSAT has two tests:
* Verbal Critical Reasoning
* Numerical Critical Reasoning.

The Verbal test has 40 questions, and takes about 30 minutes to complete. The Numerical test has 32 questions and takes about 35 minutes to complete.

TO ORDER UKGSAT™

You can order UKGSAT™ by purchase on our website **www.ukgsat.co.uk** or by contacting us via the same site. Our friendly, efficient staff will talk you through the process, and arrange any training you require.

UKGSAT™ is extremely affordable, but has industry-leading accuracy – contact us for a quote.