INSSVR

Intelligence Structure Battery - Short Form R

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Application
Measures the level and structure of the intelligence in accordance with the Cattell-Horn-Carroll (CHC) model, on the basis of three ability factors (fluid intelligence, crystallized intelligence, and quantitative thinking). The test provides a quick, global overview of the intelligence level. It is also an economic means of obtaining clarification on specific queries. It is used in Staff & Management Assessments in various occupational fields, in Manufacturing & Safety Assessments and in educational and career counseling for adolescents.

Task
Answers are entered using a multiple-choice format. In the individual subtests the items are sometimes presented adaptively in the form of a power test and sometimes in linear form with a time limit. The three ability factors are assessed by means of the following subtests:

> Logical reasoning:
> Figural inductive reasoning: The ninth field of a 3x3 matrix of symbols must be filled with one of eight possible symbols in accordance with the underlying rules.

> Verbal ability:
> Word meaning: A synonym for a given word must be selected. The test uses a multiple-choice format.

> Numerical ability:
> Arithmetical flexibility: A given equation must be solved by inserting the correct arithmetical operations.

Test forms
S1: Adaptive Form
S2: Linear short form

Analysis
The following main variables are scored, depending on the test form:

> Logical reasoning: measure of ability to recognize relations between stimuli, to understand implications and draw logical conclusions.

> Verbal skills: Extent of vocabulary and the ability to retrieve knowledge from memory for problem solving.

> Quantitative thinking: The ability to understand and apply mathematical skills and concepts for problem-solving purposes.

Duration
Between 7 and 24 minutes per subtest.

Duration of S1: 55 minutes
Duration of S2: 37 minutes

Valid age
Norms for ages 16+.

Special feature
In Form S1 the items are presented adaptively.

Report elements

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