

Name of the Test	Tests of Symbolic Cognition (Part of Prajnaman Kasotimala – SOI Model)
Author	Jnana Prabodhini’s Institute of Psychology, Pune
Availability	Jnana Prabodhini’s Institute of Psychology, Pune For Research
Training Levels	Level B
Uses	For research and guidance
Year of standardization/adaptation	1992
Year of revised edition	-----
Description of the test	
Language	Instructions - English and Marathi
Level	VIII to X (can be extended at both ends)
What is measured?	Cognition : immediate discovery, awareness, recognition of symbolic information letters or numbers in various forms
Type of Test	Forced choice, open-end, paper-pencil, verbal and numerical
Total no. of Items with parts if any	Total 97 items (CSU – 50, CSC – 10, CSR – 15, CSS – 10, CST – 10, CSI - 2)
Item type	Open-end, series completion, multiple choice, alternate choice and arrangements (like crossword)
Kind of Response	Selection of proper choice, produced the answer to complete the series, arranging letters in the square grid
Areas	The battery covers 6 areas - Cognition of Symbolic Units (CSU) Cognition of Symbolic Classes (CSC) Cognition of Symbolic Relations (CSR) Cognition of Symbolic Systems (CSS) Cognition of Symbolic Transformations (CST) Cognition of Symbolic Implications (CSI)
Time	Individual test time ranges from 3 ½ to 8 mins. Total test time 33 min. Total work time approx. 60 min.
Scoring procedure	Manual scoring.
Statistics studied while standardizing the test	
Sample (for standardization and norms)	Sample from grades VIII, IX and X, for normative study ranges from 292 – 401 for six tests and three grades. Refer to manual for details of sample, for item analysis, reliability, validity, etc.
Reliability	Test-retest : combined score 0.85, individual test correlations from low to high (0.22 to 0.73). Internal consistency : 0.67 to 0.90 Refer to manual.
Validity	Factorial validity established. Refer to the manual.
Norms	Grade VIII, IX and X, urban and rural, separate and combined
Standardization category	Standardized

More about the test	It is a battery of six tests measuring six products of symbolic cognition. A few tests are useful even at adult level. The work has been partially supported and evaluated by NCERT, N.Delhi. These tests have been useful in identifying talents and aptitudes.
References	<p>Jnana Prabodhini's Institute of Psychology (1992). Construction of a battery of tests based on Structure-Of-Intellect Model by J.P. Guilford. Research Report submitted to NCERT, N. Delhi (Published by Jnana Prabodhini)</p> <p>Khire, U. (1993). Guilford's SOI Model and Behavioral Intelligence with Special Reference to Creative Behavioral Abilities. In S.G. Isaksen, M.C. Murdock, R.L. Firestien, D.J. Freffingen (Eds.) <i>Understanding and Recognizing Creativity: The Emergence of a Discipline</i>. Norwood, New Jersey: Ablex Publishing Corporation</p> <p>Khire, U. (1997). Use of SOI Model in the study of levels of Giftedness, <i>Journal of Psychological Researchers</i>, Vol. 41, No.3, pp. 148-156</p>