

Name of the Test	Tests of Semantic 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 semantic information in various forms mainly verbal
Type of Test	Forced choice, open-end, paper-pencil, verbal
Total no. of Items with parts if any	Total 61 items (CMU – 12, CMC – 15, CMR – 15, CMS – 10, CMT – 5, CMI – 4)
Item type	multiple choice, open-end
Kind of Response	Choosing or writing the correct answer
Areas	The battery covers 6 areas - Cognition of Semantic Units (CMU) Cognition of Semantic Classes (CMC) Cognition of Semantic Relations (CMR) Cognition of Semantic Systems (CMS) Cognition of Semantic Transformations (CMT) Cognition of Semantic Implications (CMI)
Time	Individual test time ranges from 3 ½ to 8 min. Total test time 32 min. Total work time approx. 70 min.
Scoring procedure	Manual scoring. Requires qualitative analysis and scoring with the help of scoring guide.
Statistics studied while standardizing the test	
Sample (for standardization and norms)	Sample from grades VIII, IX and X, for normative study ranges from 306 – 416 for six tests and three grades. Refer to manual for details of sample, for item analysis, reliability, validity, etc.
Reliability	Test-retest : combined score 0.80, individual test correlations from moderate to high (0.45 to 0.76). Internal consistency : 0.67 to 0.98
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 semantic 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 aptitude.

References

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)

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.) *Understanding and Recognizing Creativity: The Emergence of a Discipline*. Norwood, New Jersey: Ablex Publishing Corporation

Khire, U. (1997). Use of SOI Model in the study of levels of Giftedness, *Journal of Psychological Researchers*, Vol. 41, No.3, pp. 148-156