Name of the Test	**Battery for Intelligence and Aptitude Measurement (Computerized test) (I-AM)**
Author	Khire Usha, Kulkarni Vivek, Watve Sujala, Damle Chatura, Gokhale Meenakshi, Sarode Sashi and Dalal Nilima
Availability	Jnana Prabodhini's Institute of Psychology, Pune For Sale (only computerized)
Training Levels	Level C (Specific training for the test with certificate)
Uses	Guidance for career choice
Year of standardization/adaptation	1999
Year of revised edition	2006 (Revised norms)
Description of the test	
Language	English, Marathi, Tamil, Telegu – computer and written Hindi, Gujrathi, Malyalam – only written
Level	Std. 10 to under graduate
What is measured?	Abilities and orientations
Type of Test	Fully computerized (both auditory and visual) as well as written paper-pencil form, verbal and nonverbal. One test is open-end
Total no. of Items with parts if any	17 intelligence tests; number of items varies with each test (1 to 24). One orientation questionnaire divided into two parts (I – 24 & II – 12).
Item type	Alternate, multiple choice, ranking, open-end
Kind of Response	For computer version, all tests are presented through the computer and the testee has to select the answer using mouse. Testee can read as well as listen to the instructions through head-phones. For written form, all tests are presented through test booklets, and the testee has to write answers in a separate anwersheet.
Areas	17 intelligence tests based on Guilford's SOI model, which measure eight Abilities- i) Cognitive Ability ii) Reasoning Ability iii) Figural Memory iv) Spatial Ability v) Verbal Ability vi) Social Ability vii) Numerical Ability vii) Numerical Memory Orientations questionnaire yields six scores indicating six orientations - i) Knowledge Orientation ii) Practical Orientation iii) Artistic Orientation iv) Social Orientation v) Power Orientation vi) Faith Orientation
Time	2½ hours (150 mins) approx.
Scoring procedure	Computerized scoring. For written form, data to be entered on computer. Fully computerized for computer version.
Statistics studied while standardizing the test	
Sample (for standardization and norms)	For original standardization, sample spread over different parts of Maharashtra. Number varies for each test. (refer to the manual and report of test construction)* For judging appropriateness of the present battery I-AM, small samples of Mensa members and Academy of Fine Arts and Design students were used. (Refer to the manual) [Sample for revised version – students from 10^{th} to 12^{th} std. who approached for guidance (N = 400 (200 for each form-computerized and written))]

Reliability	Reliability was satisfactory. Test-retest reliability ranged from 0.37 to 0.89 for ability and orientation scores, while Cronbach's Coefficient Alpha ranged from 0.22 to 0.56 for ability scores. (Gokhale, 2004). (Refer to the manual)
Validity	Both predictive and factorial validity was established (Gokhale, 2004)
Norms	Standard scores, percentiles and grades available
Standardization category	Standardized
More about the test	Ability tests have been selected from SOI tests which were standardized and norm available for the levels grade VII to X and for some tests upto XI. A few tests that could yield different occupational profiles have been selected. Experts opinions were consider for finalizing occupational profiles. (Refer to the manual). Reports are also available in a diagnostic graphical and statistical form showing level of matching with occupational profiles and also variations. Any psychologist or counsellor can easily use it with minimum training in handling computers. *I-AM battery is the first of its kind* in India using sophisticated technology for aptitude testing and guidance. (Ref. to Manual)
References	Khire, U.; Kulkarni, V; Watve, S.; Damle, C.; Gokhale, M.; Sarode, S & Dalal, N. (1999). Technical Manual for I-AM : A Computerized Battery for Intelligence and Aptitude Measurement. Pune: Jnana Prabodhini's Institute of Psychology Gokhale, M. (2004). A Critical Analysis of the Psychometric Properties of a Computerised Test Battery. Ph.D. Thesis submitted to Pune University, Pune. Tamhankar, V.S. (1967). A Study of Achievement Motivation Among the Young Adolescent Boys in Poona City. Ph.D. Thesis submitted to University of Poona, Pune *Jnana Prabodhini's Institute of Psychology (JIP) (1990) Construction of a battery of tests based on structure of intellect model by J.P. Guilford, Pune : Jnana Prabodhini *Khire, U.; Rajguru, M.& Nirgudkar, S. (1992). Construction of tests for measurement of behavioural intelligence. Pune : Jnana Prabodhini. Khire, U. (1991). Use of SOI model in the study of gifted. Paper presented at 9th world conference on gifted and talented children, Hague, The Netherlands Khire, U. (1993). Guilford's SOI model and behavioural intelligence with special reference to creative behavioural abilities. In S.G. Isaksen, M.C. Murdock, R.L. Firestein & D.J. Fretfinger (Eds.), Understanding and recognizing creativity : The emergence of a discipline, Norwood, New Jersey : Ablex publishing corporation. For more studies and references refer to the manual.