

International Journal of Home Science

ISSN: 2395-7476 Impact Factor: 3.5 IJHS 2015; 1(2): 26-31 © 2015 IJHS

www.homesciencejournal.com Received: 18-04-2015 Accepted: 20-05-2015

Shruti Marwaha

Child Development Department, Govt Home Science College, Panjab University Chandigarh, India.

Analysis of emotional quotient and intelligence quotient among 'High Achievers' and 'Low Performers' in school academics

Shruti Marwaha

Abstract

The present research study was conducted to analyze the Emotional Quotient* and the Intelligence Quotient* of 'High Achievers'* and 'Low performers'* in School Academics. The research was conducted in Chandigarh and Mohali. The sample consisted of two groups, boys as well as girls, of 9th standard, and their result and assessment of the previous year i.e. 8th standard was considered. The first group Group A included 'High Achievers' having scored above 80% marks. The second group Group B included 'low performers' scoring marks between 40% and 60%. The tools used in the study were Stanford–Binet Intelligence Scale and Emotional Quotient Self-Score Questionnaire. It was reported that students with high EQ as well as high IQ scored higher, those with high IQ but low EQ scored less, those with low IQ but low EQ scored less, and those with low IQ as well as low EQ, scored very less. Thus, it could be concluded that Emotional Intelligence holds utmost importance to utilize, ameliorate and channelize the vital Intelligence Quotient for achieving success in academics.

Keywords: *Intelligence Quotient, *Emotional Quotient, *High Achievers, *Low performers

1. Introduction

Intelligence Quotient (IQ) is the phenomena that involves assessment regarding one's capability to observe, analyze and interpret the circumstances (Wechsler, 1958). It's the intellectual aptitude of an individual which is measurable and can be denoted numerically. Sternberg (1985) termed Intelligence as a mental capacity that entails recognition and alteration of the surroundings in which an individual lives. The level of IQ had been a predictor of the level of academic achievement of students. But in this century, intelligence and success are not viewed the same way they were before (Goleman 1995) [6]. New theories of intelligence have been introduced and are gradually replacing the traditional theory. The whole child/student has become the centre of concern, not only his reasoning capacities, but also his creativity, emotions and interpersonal skills. The multiple intelligence theory has been introduced by Gardner (1983) and the Emotional intelligence theory by Mayer and Salovey (1990) and then Goleman (1995) [6]. IQ alone is no more the only measure for success; emotional intelligence, social intelligence, and luck also play a big role in a person's success (Goleman 1995) [6]. IQ is the conscious intellectual capability or in other words it is the aptitude of a person that enables him to think, understand and analyze the logical and speculative problems. It's an assessment of mental capability through which individuals of same age group can be compared with one another. Intelligence quotients' wide ranging prognostic value is that intellectual capability which is highly applied in several spheres of everyday life. IO tells a highly constant, overall capability for attaining, handling and employing knowledge of almost any category. This is the reason that higher IO is considered so useful. It is not only related to the extent of knowledge gained or acquired by the individuals. In fact, it reveals the capability to yield from proper training, reason conceptually, think and solve problems. High intelligence is beneficial in almost all spheres of life. As almost all of us require some learning and problem solving, especially when there is too much technical and social change. More intelligent people can learn and plan better as they have a tendency to attain more benefit than individuals with low IQ.

Correspondence Shruti Marwaha

Child Development Department, Govt Home Science College, Panjab University Chandigarh, India.

Table 1: Stanford-Binet Fifth Edition (SB5) classification

Stanford-Binet Fifth Edition (SB5) classification						
IQ Range	IQ Classification					
145-160	Very gifted or highly advanced					
130-144	Gifted or very advanced					
120-129	Superior					
110-119	High average					
90-109	Average					
80-89	Low average					
70–79	Borderline impaired or delayed					
55-69	Mildly impaired or delayed					
40-54	Moderately impaired or delayed					

Though, research indicates that intellect of an individual is different from social skills. Most often persons who have high level of IQ may possess less social skills. Carroll (1993) defines intelligence as a type of mental ability that concerns the handling of (and reasoning about) information of various sorts. Often, these abilities are described as falling along a hierarchy from simple perceptual processes and information processing to higher and more general forms of problem solving. Theories of intelligence are often based on psychometric data collected from individuals performing tasks perceived to measure intellectual functioning (Weinberg, 1989). Researchers such as Thurstone (1938) and Guilford (1967) have opted for distinct mental capabilities. Gardner (1983), believed that intelligence is much more than IQ, and developed the theory of multiple intelligences by proposing eight different types of intelligences: linguistic, logicalmathematical, bodily-kinesthetic, musical, visual-spatial, intrapersonal, interpersonal, and naturalistic. Furthermore, Sternberg (1985) proposed a triarchic theory of intelligence which is built on three cornerstones: (a) Intelligence cannot be understood outside of a sociocultural context; thus, the ability to adapt to one's environment is no small part of intelligence; (b) Intelligence is purposeful, goal-oriented, relevant behavior consisting of two general skills: the ability to deal with novel tasks and the ability to develop expertise, that is, the ability to learn from experience to perform mental tasks effortlessly or automatically; and, finally, (c) Intelligence depends on acquiring information-processing skills and strategies (Weinberg, 1989).

Emotional Intelligence is defined as "The ability to monitor one's own and others' feelings and emotions, to discriminate among them and to use this information to guide ones thinking and actions (Salovey & Mayer 1990). A person's emotional intelligence helps much in all spheres of life through its various constituents or components namely knowledge of one's emotions and handling relationships. Emotional intelligence is another layer of human mind which is constructive enough in exploring human intelligence by processing a scientific method. Such systematic understanding of human emotion to measure human intelligence will prove much beneficial in uplifting common success rate of contemporary education and its system. Thus, emotional intelligence essentially reflects our ability to deal successfully with other people. Emotional intelligence was described formally by Salovey and Mayer (1990) according to whom "the ability to monitor one's own and others' feelings and emotions, to discriminate among them and to use this information to guide one's thinking and actions." According to Daniel Goleman (1995) [6], "Emotional intelligence is the capacity for recognizing our own feelings and those of others, for motivating ourselves, and for managing emotions well in

us and in our relationships [1]." Goleman (2002) in his research has identified a set of competencies that differentiate children with emotional intelligence. The competencies fall into four clusters such as Self Awareness (understanding of own emotions, powers, weaknesses, needs and awareness of selfexistence), Self-Management (managing own emotional behavior), Social Awareness (ability to understand emotions and needs of others and thus putting oneself into others' shoes) Relationship Management (ability to establish relationships with other individuals and to ensure sustainability of such relationships, creating and managing a team)-Emotional intelligence is a scientific human endeavour to bridge between two different human conditions of one human body, originating from head and heart respectively. Such collaboration of meaningful human emotions plays a pivotal role in deciding human achievement. Emotional intelligence is a phase that incorporates the intricate aspects of both emotion and intelligence. Emotions rule the heart while intelligence reigns supreme in the brain. IQ and EQ are inseparable and they exercise tremendous influence in the lives of individuals. Emotional intelligence can make a unique contribution to a better understanding of people and also use their potential to success. The intellectual behavior of a person is meaningfully decided by the emotional state of mind. Emotional intelligence has been highly predisposed by culture of the society in which the individual belongs. In the modern world, education is getting widened and there is a cut-throat competition among students to excel. In age the rapid expansion of education and unhealthy competitions among the learners the systematic studying of emotional intelligence becomes relevant and necessary as well. Students feel complicated to organize their emotions in order to face various situations in school life. It is imperative to manage the stress and strain to keep pace with the demands of the world. There is a connection between emotion and cognition. Mayer, Salovey and Caruso (2000) viewed emotion as one of the three fundamental classes of mental operations which include motivation, emotion and cognition. There is the notion that having positive quality emotions and feelings help students to achieve and give their best potential in the classroom (Fazura & Ghazali 2003). As such teachers should understand that any stress on the affective domain of the learners would affect their cognitive domain in classroom. Teaching emotional and social skills at school is important as these skills have long term effects on achievement. Also, research in brain based learning suggests that emotional intelligence is fundamental to effective learning. Hence, EI is being incorporated in the school curriculum and training programmes in some organizations to achieve their objectives (Funderstanding, 2008). Although IQ is often equated with success, but the research reveals that being able to make your way in a complex world by successfully dealing with people and your environment is the most important element of intelligence. This element is Emotional Intelligence (EI). Success is defined as ability to set and achieve your personal and professional goals. IQ's relevance to success is estimated to be low. Sternberg (1997). Sallowi and Meer (1990) introduced emotional quotient for the first time. Emotional quotient refers to abilities of sound perception of environment, self-motivation, cognition, and perception control of yourself and others (so that these processes are able to facilitate thought and communication process) (Zarean, et al., 2007) It refers to set of cognitive abilities and skills that lead to increasing successfulness abilities in front of presses and environmental contingencies.

Gilman believed that emotional quotient includes both internal and external components. The internal components include self-perception, emotion of autonomy and capabilities, selfactualization, and decisiveness. The external components include interpersonal relationships, facility in empathy and responsibility emotions. Also emotional quotient includes individual's capability to perception of facts, flexibilities, problems solving skills, and ability to managing stress and impulses (Dehshiri, 2004) Based on Gilman (2001), generally emotional quotient refers to abilities of regulation and cognition of emotions in individuals. The desire of any educational system is to produce students who are sufficiently trained to contribute meaningfully to the development of the Family, Society and Nation. Emotional intelligence is the ability of an individual to appropriately and successfully respond to a vast variety of emotional stimuli being elicited from the inner self and immediate environment. Goleman focused to a large extent on the power of emotional intelligence to help individuals achieve success and he closely equated success with money and earning power. This means tackling frustrations, conflicts, inferiority complexes etc. It also means avoiding emotional exhaustion such as stress, burnout and negativity of emotions. People in conflict are generally locked into a self-perpetuating emotional spiral in which the genesis of the conflict is usually not clear. Finding ways to deal with anger, fear, anxiety and sadness are essential signs of emotional competency. For example, learning how to manage yourself when upset is one such asset. Being able to channelize emotions to a positive end is another key skill to raise your EQ. Emotional intelligence has now become the point of general interest for public, practitioners and researchers in the school, colleges and universities. It is believed that emotional and social competences are as important as traditional dimensions of intellectual ability and personality.

2. Method

The present study aimed at analyzing the Emotional Quotient and the Intelligence Quotient of 'High Achievers' and 'low performers' in School Academics. The research was conducted in Chandigarh and Mohali.

2.1 Tools used in the study

2.1.1 Stanford-Binet Intelligence Scale

The Stanford-Binet Intelligence Scale is a test which helps to measure and evaluate intelligence in children and adults. This test has gone through many changes over a period of almost 100 years. The most recent edition is the Stanford Binet Fifth Edition including General intelligence, Verbal routing test, Knowledge, Nonverbal routing test, Fluid Reasoning, Verbal and nonverbal age scales, Quantitative Reasoning, Visual-Spatial Processing, Working Memory, Nonverbal IQ and Verbal IQ.

2.1.2 Emotional Quotient Self-Score Questionnaire

This questionnaire is designed to evaluate aspects of your Emotional Intelligence (EI). It determines Emotional Quotient or EQ, a competence based measure relating to Emotional Intelligence. Emotional Intelligence is a term used to describe the way in which we handle both our own emotions and those of others and the impact they have on both ourselves and others. In this questionnaire the following factors are explored:

- Self-Awareness
- Self-Management
- Social Awareness
- Social Skills

In the questionnaire the subjects were asked to rate themselves with regard to certain observable behaviours; as this is self-assessment they were instructed that they should clearly respond as honestly as possible. The object is to identify areas of relative strength and those areas with the potential for development.

2.2 Participants

The research was conducted in Chandigarh and Mohali. The sample consisted of two groups, boys as well as girls, of 9th standard, and their result and assessment of the previous year i.e. 8th standard was considered. The first group **Group A** included 'High Achievers' having scored above 80% marks. The second group **Group B** included 'low performers' scoring marks between 40% and 60%.

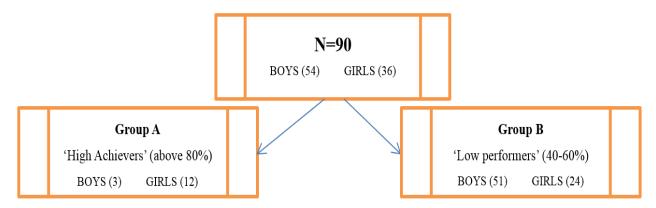


Fig 1: Sampling Procedure

2.3 Actual administration of the tests

The first step included sample selection and then, rapport was formed with the subjects. Instructions were given and they were asked to answer honestly.

2.4 Scoring

Scoring was done as per the manuals for both the tests. The

academic results were taken from the teachers concerned.

2.5 Statistical Analysis

Once the data was obtained, it was coded, tabulated and analyzed, keeping in mind the objectives of the study. Appropriate statistical tools were used to draw meaningful inferences. The statistical tools used in the present study are given in Table1

15. 82 29 140

Table 2: Statistical tools used for analysis of data

S. No.	Statistical tools	Formula	Purpose
1.	Mean (x)	$X = \Sigma X/N$ where, $X = Variable$ $N = No. of$ sample	To find out the average scores of variable used in the study.
2.	Percentage (%)	% = X/N x 100 where x = Derived score n = total score	To find the distribution of subjects with regard to various variables of the study.
3.	Standard Deviation (S.D.)	$0 = \sqrt{\sum x / N}$ Where $X = Deviation$ from actual mean $X = mean.$ $X = variable.$ $N = number of$ samples.	To find out deviation from the man scores of the variables.
4.	Standard error of mean (S.E)	S.E = 0/n Where 0 = S.D. n= number of observations	To find out the degree to which the mean is effected by the error of measurement and sampling.
5.	't' test	$t = \frac{(x_1-x_2)/S}{\sqrt{n_1n_2/n_1 + n_2}}$ where $x_1 = \text{mean of}$ $1^{\text{st}} \text{ sample}$ $x_2 = \text{mean of}$ second sample $S = \text{combine}$ $S.D.$ $n_1 = \text{number of}$ observations in $1^{\text{st}} \text{ sample}.$ $n_2 = \text{number of}$ observations in $2^{\text{nd}} \text{ sample}$	To compare the average score of any two groups or to find out whether the mean of the two samples vary significantly from each other.

3. Results and Discussion

Group A - 'High Achievers' (above 80%) Boys (3) Girls (12)

Group B - Low performers' (40-60%) Boys (51) Girls (24)

Table 3: Distribution of Marks, EQ and IQ of participants of Group

Group A Distribution of Marks, EQ and IQ							
S No	Marks (%)	EQ	IQ				
1.	97	37	135				
2.	96	36	130				
3.	95	34	130				
4.	95	35	95				
5.	95	35	85				
6.	95	35	85				
7.	92	34	125				
8.	91	35	140				
9.	91	31	130				
10.	90	32	125				
11.	88	32	125				
12.	85	32	130				
13.	85	29	130				
14.	84	28	135				

Table 4: Distribution of Marks, EQ and IQ of participants of Group B

Group B Distribution of Marks, EQ and IQ							
S No	Marks (%)	EQ	IQ				
1.	59	29	65				
2.	59	26	65				
3.	58	25	65				
4.	42	25	85				
	42						
5.		25	85				
6.	40	25	80				
7.	40	25	85				
8.	43	24	75				
9.	43	24	85				
10.	41	24	130				
11.	40	24	75				
12.	40	24	125				
13.	43	23	85				
14.	41	23	85				
15.	58	22	75				
16.	43	22	75				
17.	42	22	65				
18.	40	22	65				
19.	40	22	75				
20.	42	21	85				
21.	42	21	75				
22.	40	21	65				
23.	40	21	85				
24.	59	20	85				
	52						
25.		20	75				
26.	43	20	75				
27.	41	20	85				
28.	52	19	70				
29.	52	19	80				
30.	52	19	80				
31.	43	19	75				
32.	43	19	75				
33.	43	19	75				
34.	41	19	65				
35.	41	19	65				
36.	41	19	70				
37.	58	18	70				
38.	52	17	80				
39.	52	17	75				
40.	52	17	75				
41.	52	17	75				
42.	52	17	75				
43.	52	16	85				
44.	52	16	85				
45.	52	16	85				
46.	52	15	85				
47.	43	14	85				
48.	43	14	85				
49.	43	14	90				
50.	52	12	75				
51.	52	12	75				
52.	52	12	75				
53.	44	12	75				
53. 54.	44	12	75				
55.	44	12	75				
56.	44	12	75				
57.	44	12	100				
58.	43	12	135				
59.	43	12	115				
60.	43	12	75				
61.	42	12	75				
62.	41	12	65				
63.	41	12	75				

64.	41	12	75
65.	41	12	75
66.	41	12	100
67.	40	12	100
68.	40	12	70
69.	40	12	70
70.	40	12	75
71.	40	12	75
72.	40	12	65
73.	40	12	125
74.	44	11	75
75.	40	11	100

Table 5: Mean, SD, SEM and t-value of Academic Performance (%) between Group A and Group B

Marks (%)	N	Mean	SD	SEM	t- value	Level of significance
Group A	15	90.3	4.91	1.27	48.673	Highly
Group B	75	45.23	5.89	0.68		Significant

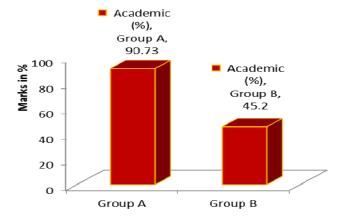


Fig 2 Mean of Academic Performance (%) between Group A and Group B

Table 6: Mean, SD, SEM and t-value of Emotional Quotient (EQ) between Group A and Group B

EQ	N	Mean	SD	SEM	t-value	Level of significance
Group A	15	32.93	2.47	0.637	26. 59	Extremely
Group B	75	17.45	1.97	0.227		Significant

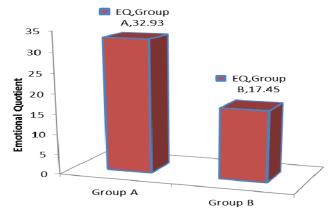


Fig 3 Mean of Emotional Quotient between Group A and Group B

Table 7: Mean, SD, SEM and t-value of Intelligence Quotient (%) between Group A and Group B

IQ	N	Mean	SD	SEM	t-value	Level of significance

I	Group A	15	122.67	9.80	2.53	19 6245	Highly
	Group B	75	80.60	10.13	1.17	19.6245	Significant

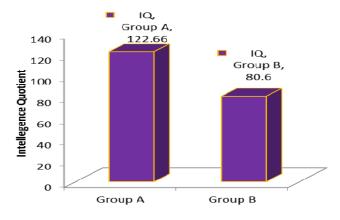


Fig 4 Mean of Intelligence Quotient between Group A and Group B

- It was witnessed that the mean of Group A was significantly higher than that of Group B in case of their IO
- It was evaluated that the mean of Group A was Extremely higher than that of Group B in case of their EQ
- The results reported that students with high EQ as well as high IQ scored higher.
- The results revealed that those with high IQ but low EQ scored less.
- It is further notified that the participants with low IQ as well as low EQ scored very less.
- It was found that the academic success of students is inevitably related to both their EQ and IQ, However, it is evident that those students who have higher EQ have greater probability of success, which is clear from the fact that those subjects who had higher IQ but less EQ scored less in academics than those having high EQ but lower IQ

4. Conclusion

In the end it can be concluded that Emotional Intelligence holds utmost importance to utilize, ameliorate and channelize the vital Intelligence Quotient for achieving success in academics.

5. Acknowledgement

Author expresses indebtedness to the Almighty who is the apostle of her strength. Author is inevitably grateful to her parents Sh M D Marwaha and Mrs Chandra Kanta Marwaha for their unconditional support and guidance. Author is extremely thankful to the subjects for their help and cooperation that has made her complete this research work.

6. References

- Berrocal PF, Salovey P, Vera A, Extremera N, Ramos N. Cultural Influences on the relation between perceived Emotional Intelligence and Depression 2005; 18(1):91-107.
- Chopra Vanita. "Educational Implications of Emotional Intelligence for Better Teacher and Student Performance." MERI Journal of Education, 2009, 4(1).
- Cox, Catherine M. The Early Mental Traits of 300 Geniuses. Genetic Studies of Genius Volume 2. Stanford (CA): Stanford University Press. Lay summary (2 June 2013), 1926.
- Emotional Quotient Self-Score Questionnaire www.hraddedyalue.com

- Eysenck, Hans. Intelligence: A New Look. New Brunswick (NJ): Transaction Publishers. ISBN 978-0-7658-0707-6, 1998.
- 6. Goleman D. Emotional Intelligence: Why it can Matter More than IQ. New York: Bantam Books, 1995.
- Gottfredson, Linda S. "Chapter 1: Logical Fallacies Used to Dismiss the Evidence on Intelligence Testing". In Phelps, Richard F. Correcting Fallacies about Educational and Psychological Testing. Washington (DC): American Psychological Association. ISBN 978-1-4338-0392-5. Lay summary (9 July 2013), 2009.
- Gregory, Robert J. "Classification of Intelligence". In Sternberg, Robert J. Encyclopedia of human intelligence
 Macmillan. ISBN 978-0-02-897407-1. OCLC 29594474, 1995, 260-266.
- Groth-Marnat, Gary. Handbook of Psychological Assessment (Fifth ed.). Hoboken (NJ): Wiley. ISBN 978-0-470-08358-1. Lay summary (11 September 2010), 2009.
- Kamphaus Randy, Winsor Ann Pierce, Rowe Ellen W, Kim Songwon. "Chapter 2: A History of Intelligence Test Interpretation". In Flanagan, Dawn P.; Harrison, Patti L. Contemporary Intellectual Assessment: Theories, tests, and issues (Third ed.). New York (NY): Guilford Press. pp. 56–70. ISBN 978-1-60918-995-2. Lay summary (28 April 2013), 2012.
- Kaufman, Alan S, Lichtenberger, Elizabeth O. Assessing Adolescent and Adult Intelligence (3rd ed.). Hoboken (NJ): Wiley. ISBN 978-0-471-73553-3. Lay summary (22 August 2010), 2006.
- 12. Levine, Albert J, Marks Louis. Testing Intelligence and Achievement. Macmillan. OCLC 1437258. Retrieved 23 April 2014. Lay summary (23 April 2014), 1928.
- 13. Morris Elizabeth 'More than 40 ways to develop emotional literacy in pupils'
- Naglieri, Jack A. Essentials of CAS Assessment. Essentials of Psychological Assessment. Hoboken (NJ): Wiley. ISBN 978-0-471-29015-5. Lay summary (26 May 2013), 1999.
- 15. Park, Gregory, Lubinski David, Benbow, Camilla P. (2 November 2010). "Recognizing Spatial Intelligence". Scientific American. Retrieved 5 June, 2013.
- Pickover, Clifford A. Strange Brains and Genius: The Secret Lives of Eccentric Scientists and Madmen. Plenum Publishing Corporation. ISBN 978-0-688-16894-0. Lay summary (15 July 2013), 1998.
- Pintner, Rudolph. Intelligence Testing: Methods and Results. New York: Henry Holt. Retrieved 14 July 2013, 1931.
- 18. Robinson. Andrew Genius: A Very Short Introduction. Oxford: Oxford University Press. ISBN 978-0-19-959440-5. Lay summary (22 May 2013), 2011.
- 19. Saklofske Donald, Weiss Lawrence, Beal A Lynne, Coalson Diane. "Chapter 1: The Wechsler Scales for Assessing Children's Intelligence: Past to Present". In Georgas, James; Weiss, Lawrence; van de Vijver, Fons; Saklofske, Donald. Culture and Children's Intelligence: Cross-Cultural Analysis of the WISC-III. San Diego (CA): Academic Press. ISBN 978-0-12-280055-9. Lay summary (26 May 2013), 2003, 3-21.
- Sattler, Jerome M. Assessment of Children (Third ed.).
 San Diego (CA): Jerome M. Sattler, Publisher. ISBN 0-9618209-0-X, 1988.
- Shurkin, Joel. Terman's Kids: The Groundbreaking Study of How the Gifted Grow Up. Boston (MA): Little, Brown. ISBN 978-0-316-78890-8. Lay summary (28 June 2010),

- 1992.
- Shurkin, Joel. Broken Genius: The Rise and Fall of William Shockley, Creator of the Electronic Age. Macmillan. ISBN 978-1-4039-8815-7. Lay summary (10 December 2014), 2006.
- Simonton, Dean Keith. Origins of genius: Darwinian perspectives on creativity. Oxford: Oxford University Press. ISBN 978-0-19-512879-6. Lay summary (14 August 2010), 1999.
- 24. Spearman, C. "General Intelligence," Objectively Determined and Measured". American Journal of Psychology 1904; 15(2):201-292. doi:10.2307/1412107. JSTOR http://www.jstor.org/stable/1412107. Archived from the original (PDF) on 15 March 2013. Retrieved 31 May 2013.
- 25. Stanford-Binet Intelligence Scale
- Subramanyam K, Sreenivaas Rao K. Academic achievement and emotional intelligence of secondary school children, Journal of Community Guidance and Research, 25, 2008.
- 27. Terman, Lewis M, Merrill Maude. (1937). Measuring Intelligence: A Guide to the Administration of the New Revised Stanford–Binet Tests of Intelligence. Boston: Houghton Mifflin.
- 28. Urbina, Susana, "Chapter 2: Tests of Intelligence". In Sternberg, Robert J.; Kaufman, Scott Barry. The Cambridge Handbook of Intelligence. Cambridge: Cambridge University Press. ISBN 978-0-521-73911-5. Lay summary (9 February 2012), 2011, 20-38.
- Wasserman, John D. "Chapter 1: A History of Intelligence Assessment". In Flanagan, Dawn P.; Harrison, Patti L. Contemporary Intellectual Assessment: Theories, tests, and issues (Third ed.). New York (NY): Guilford Press. pp. 3–55. ISBN 978-1-60918-995-2. Lay summary (28 April 2013), 2012.
- 30. http://www.unh.edu/emotional_intelligence.