

HEREDITARY BASICS OF INTELLIGENCE (WHAT IS AN IQ?)

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Introduction. IQ is a number meant to measure people cognitive abilities (intelligence) in relation to their age group. The many different kinds of IQ tests include a wide variety of item content. Some test items are visual, while many are verbal. Test items vary from being based on abstract-reasoning problems to concentrating on arithmetic, vocabulary, or general knowledge.

Aim. The aim of the research was to study different genetic and environmental factors, which determine IQ level.

Materials and methods. Scientific literature and publications of last years were used for analysis.

Results and discussion. IQ can change to some degree over the course of childhood. However, in one longitudinal study, the mean IQ scores of tests at ages 17 and 18 were correlated at $r=0.86$ with the mean scores of tests at ages five, six, and seven and at $r=0.96$ with the mean scores of tests at ages 11, 12, and 13.

For decades practitioners' handbooks and textbooks on IQ testing have reported IQ declines with age after the beginning of adulthood. However, later researchers pointed out this phenomenon is related to the Flynn effect and is in part a cohort effect rather than a true aging effect. A variety of studies of IQ and aging have been conducted since the norming of the first Wechsler Intelligence Scale drew attention to IQ differences in different age groups of

The highest IQ was 228, according to Guinness Book of Records, this score belongs to the 'smartest' person in the world Marilyn vos Savant who scored it when she was 10 year old. This would, according to recent research, correspond to about IQ 185 at adult age. That score is, at least, surpassed by the chess player and champion Bobby Fisher which was 187, and Kim Ung-Yong (S. Korea) with a score over 200.

Well, to answer that we first need to answer one question, what is intelligence? You cannot measure something that you can hardly define.

Conclusions. The problem is that the term intelligence has never been defined adequately and therefore nobody knows what an IQ test is supposed to measure. In spite of all this, today the future of thousands of children/ employees is determined by the results of this test, simply because it has its good share of accuracy.