

# Abstracts

## **OUR WINNING IN CANBERA**

**Ahmad Shirzad. Ph.D.**

*Why did we become victorious in the physics olympiad?*

*A Look at the efforts of education ministry in preparing national Iranian Olympiads teams which lead to win of the Islamic Republic olympiad team:*

*National chemistry olympiad team with first grade and physics with third grade and totally gaining twenty medals by twenty participants in four international olympiads ( ۱۹۹۵) in Australia, China, the Netherlands & Canada.*

*Also other countries efforts in selection and preparing their teams for the international competitions were cited.*

*The author described his logical reasons for continuation of this method. (Persian) PP. ۱۳۵- ۱۴۸.*

## **INTELLIGENCE DEVELOPMENT IN TREND OF HEREDITY AND ENVIRONMENT**

**Nasseroddin Kazemi Haghighi**

*Parents must be aware of essential points in nurturing the children and adolescent gifted. Some of these points were underlined in previously two articles. In this article the other essential points are proposed.*

*۱. The intelligence development is a gradual conducting, (and not suddenly). The postponing in matters forms foundation of the gifted education, and the hastening gives rise to appearing many disorders in the gifted's psychic system.*

*The intelligence are changed by increasing in age particularly in first two decades.*

*۲. The intelligence change depends on its level. As a matter of fact, the intelligence changes for the gifted's are more than all others.*

*۳. The talent or type of the intelligence has influence on the intelligence changes.*

*۴. The intelligence development is affected with reciprocal and complementary.*

*The heredity and environment have a reciprocal and complementary influence on the intelligence development. The heredity creates basis of the intelligence and the environment influences the heredity framework. (Persian) PP. ۱۴۹- ۱۵۷*

## **THE SCHOOL ACTIVITIES IN GERMAN WRITINGS**

**(PART THREE)**

**Javad Ejei**

*These writings were gathered in Autumn ( ۱۹۸۷) and printed in ۱۹۹۰. In this article you can find the interpreted bibliography in the field of the school activities from German into Persian.*

*Contains: giftedness, gifted education, special schools and classes, educational policies, school politics, educational planning and programming, special education, gifted school development, educating the gifted in schools offering*

*general education, identification, differentiation, independent study, acceleration, enrichment, grouping, advocacy, peer teaching, teaching methods, school activities, special talents, technical talents, sport giftedness, physical education, competitive sports, equal opportunity, socialistic education, college admission, doing justice to the gifted, extra curricular activities, pilot projects, education for athletically talented students, training, boarding schools, concept formation, definition, personality traits.*(Persian) PP. ۱۲۷-۱۳۴

## **PERSONALITY OF TALENTED ADOLESCENTS**

### **REVIEW OF A RESEARCH**

**Nasseroddin Kazemi Haghighi**

*A review of research of Javad Ejei and Mohammad Amin Djalilvand Personality of talented adolescents on ۱۰۴۲ talented students at the age of ۱۵-۱۸ Provided the flowing results:*

*Sixteen Personality Factor Questionnaire Chattell (۱۶PF) and Edwards Personal Preference Schedule and intelligence test WMTI standardized by Javad Ejei were used in that research.*

*Personality Characteristics of talented adolescents differs by “sex”. Talented females are better in affiliation and radicalism and talented males are better in tranquility and goodwill.*

*Despite of educational environment, personality characteristics are not different in talent level  $۱۱۵ < IQ < ۱۲۸,۵$*

*In level  $IQ > ۱۳۵$  gifted females are better in dominance, schizthymia, change and gifted males in comentions, stability and adaptability.*

*This research confirms the oppositeness of “sex” and “educational environment” in personality development in talented adolescents. (Persian)PP. ۱۱۹-۱۲۶.*

