**Date: 1/ 2/ 2025**

***PSYCHOLOGICAL REPORT***

**Referred by: Prof. Amr Hassan**

**Name: Hussein Yehia Naser Sex: (\* ) Male ( ) Female**

**Date of birth: 7 / 9 / 2014**

**Age: 10 yrs. 4 mth.**

**Information resource: His father**

**COMPLAINT:**

1. **Assessment of Intellectual ability.**

**PSYCHOLOGICAL ASSESSMENT:**

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| --- |
| **Previous tests:** |

**Behavior:**

**A male right handed child, he has normal activity, cooperative, sometimes he was inattentive during the session.**

**He has a speech delay; he speaks in simple words and he does not speak in complete sentences.**

**He needs encouragement continuously during the session and this affected his performance positively.**

**He equally performed in the two fields of I.Q., the verbal field and the non verbal field and this was proved by the results.**

**Tests, Results & Assessment:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Stanford-Binet Intelligence Scale (Version 5)** | | | |
| **Degree of I.Q.** | Standard Score | **Percentile Rank** | **Confidence Interval**  **95%** |
| **Non Verbal I.Q.** | 79 (slow learnable) | **8** | **75-83** |
| **Verbal I.Q.** | 71(slow learnable) | **3** | **67-75** |
| **Total I.Q.** | 75 (slow learnable) | **5** | **70-80** |

***Total I.Q.***

Total I.Q. represents the sum of the five factor indexes scores which are evenly distributed between the two fields; the non verbal field and the verbal field. The score which he obtained classifies him within *slow learnable* category of intelligence, this total score measures not only the knowledge gained from school but the sum of the five main aspects of intelligence (Fluid Reasoning, Knowledge, Quantitative Reasoning, Visual-Spatial Processing and Working Memory).

***Non Verbal I.Q.***

**It represents the sum of the five factor indexes scores measured non-verbally; his score classifies him within *slow learnable* category of intelligence**.

***Verbal I.Q.***

**It represents the sum of the five factor indexes scores measured verbally; the score which he obtained also classifies him within** ***slow learnable* category of intelligence**.

|  |  |  |  |
| --- | --- | --- | --- |
| **Factor Indexes Scores** | | | |
| **Degree of I.Q.** | Standard Score | **Percentile Rank** | **Confidence Interval**  **95%** |
| **Fluid Reasoning** | 68 (mild mental retardation) | **2** | **61-75** |
| **Knowledge** | 81 (below average) | **10** | **74-88** |
| **Quantitative Reasoning** | 84 (below average) | **15** | **79-89** |
| **Visual-Spatial Processing** | 69 (mild mental retardation) | **2** | **64-74** |
| **Working Memory** | 76 (slow learnable) | **6** | **70-82** |

According to his factor indexes scores, he got *below average* category of intelligence in Knowledge and Quantitative reasoning; which means that he got below average degree in his ability to provide information about things, his ability to determine missing or silly details, his ability to apply cumulative information, his ability to define difficult words, his ability to solve initial mathematical problems and his ability to solve increasingly difficult mathematical problems. However he got *slow learnable* category of intelligence in Working Memory; which means that he got slow learnable degree in his ability to sort, classify and recall verbal and non verbal information sorted in short term memory. Finally he got *mild mental retardation* category of intelligence in Fluid Reasoning and Visual-Spatial processing; which means that he got mild mental retardation degree in his ability to solve new figural problems, his ability to analyze and explain, using inductive and deductive reasoning abilities, his ability to solve figural spatial problems, his ability to explain spatial direction to reach a certain image and collecting designs.

*Sub tests Scores*

1-Non verbal tests

|  |  |
| --- | --- |
| Sub tests | Standard Score |
| **Fluid Reasoning** | 2 |
| **Knowledge** | 7 |
| **Quantitative Reasoning** | 7 |
| **Visual-Spatial Processing** | 6 |
| **Working Memory** | 9 |

2- Verbal tests

|  |  |
| --- | --- |
| Sub tests | Standard Score |
| **Fluid Reasoning** | 6 |
| **Knowledge** | 6 |
| **Quantitative Reasoning** | 7 |
| **Visual-Spatial Processing** | 2 |
| **Working Memory** | 2 |

*N.B.* the raw scores are transformed to standard scores with an average of *10* and *3* standard deviation.

Conclusions:

Our case has 10yrs., 4mth., male right handed, his total I.Q., his verbal I.Q., and his non- verbal I.Q., classify him within *slow learnable* category of intelligence.

Recommendations:

1. **Family counseling.**
2. **He needs a program to improve some of his cognitive abilities.**
3. **Conversation sessions.**
4. **Follo*w up.***

***Clinical Psychologist***

***Dr. Lamiaa Bakry***