



ISSN 2349-638X

REVIEWED INTERNATIONAL JOURNAL

**AAYUSHI  
INTERNATIONAL  
INTERDISCIPLINARY  
RESEARCH JOURNAL  
(AIIRJ)**

MONTHLY PUBLISH JOURNAL

VOL-I

ISSUE-IV

SEPT.

2014

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**“To study the correlation between Blood content Hemoglobin, Blood glucose level on the Emotional intelligence”**

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### **Introduction:-**

#### **Emotional intelligence:-**

New research in the 90s confirmed that there is an emotional brain: a place called the limbic system where our emotions originate. It is separated from the rational brain (the neocortex) but the two are connected and develop together. This means that our power to reason and our feelings are intended to be used together. Emotional intelligence: a term used to describe the complex ability to regulate our impulses, empathize with others and be resilient in the face of difficulties. Therefore, emotional intelligence is a product of the amount of communication between the rational and emotional centers of the brain. This article will examine the history, data and components of Emotional Intelligence.

#### **Data Findings:-**

The highest estimate of how much difference IQ (intellectual quotient) accounts for in how well people perform in their careers is no higher than 10% and perhaps as low as 4% (Sternberg,1997). IQ is considered a threshold competence, a minimum capability that all must have. Once you're in a group of similar IQs, IQ will no longer distinguish you in the group.

#### **What Is Blood Glucose?**

Blood glucose, or blood sugar, is sugar in the bloodstream that easily passes the blood-brain barrier. The regulation of blood glucose involves the pancreas, liver, brain,

and several hormones. Glucose is a simple sugar, which is an immediate source of energy for cells. Our brain uses a large amount of energy, and is dependent on blood glucose as its source of energy.

**Research topic:-**

**“To study the correlation between Blood group, Blood Glucose level on the Emotional Intelligence.”**

**Research Objectives:-**

1. Determination of blood group of the student.
2. Determination of Blood Glucose level of the student.
3. Determination of intelligence of the student by a standard Emotional intelligence test.
4. Determination of relationship between blood group, blood glucose level and Emotional intelligence of the student.

**Hypothesis :-**

1. There is no significant difference between the blood glucose level and intelligence.
2. There is no significant difference between the blood group and intelligence.
3. As the blood glucose level increases the intelligence of the student is low.
4. There is a significant difference between the blood group, blood glucose level and intelligence.

**Assumption:-**

1. There is a significant difference between the blood glucose level and intelligence.

- 2.The intelligence of the student is not depend on the blood type or blood group of the individual.
- 3.The emotional intelligence is higher in female than male

**Need and Importance of Research Study :-**

1. According to blood type the student classification is possible which is useful for the students which are weak in their study.
2. To create better teaching learning process.

**Scope :-**

For the present research all the departments of Swami Ramanand Teerth Marathwada University, Nanded are considered .

**Limitations :-**

For the present research all the Schools of the SwamiRamanand Teerth Marathwada University Nanded are considered.In this only 5 female of each blood group and 5 males of each blood group from each of the schools of the university are under consideration.

**Population:-**

For the present research population is given from the all schools of Swami Ramanand Teerth marathwada University, Nanded.

**Sampling :-**

For the present research the samples are taken from the Schools of the Swami Ramanand Teerth Marathwada University, Nanded. These samples are purposefully selected.

**Research Method :-**

For the present research researcher used the Survey research method and Experimental research method. From the survey the students having the different blood groups are purposefully selected.

**Research Tools :-**

For the present research the Intelligence standard test is used for the collection of data. Statistical Analysis is done by using 't' test and the 'Chi' square test to find out the effective correlation between the blood glucose, blood group and intelligence.

**Conclusion:-**

1. From the above result it is concluded that the emotional intelligence quotient is higher in female than male.
2. The emotional intelligence total scoring male and female is high in the range between 135 – 139.
3. The most male possess the emotional intelligence at 14-15 gm% hemoglobin level it means at normal hemoglobin level.
4. The most possesses emotional intelligence at 11 – 12 gm % hemoglobin level
5. The male and female emotional intelligence is occur at different hemoglobin and blood glucose level.

6. Most of the male and female individual occur emotional intelligence at their normal hemoglobin level.

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