



ALERTNESS AMONG XI STANDARD STUDENTS IN MADURAI DISTRICT

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ABSTRACT :

The present study was intended to find out the alertness of XI standard students. Data were collected from 500 school students, by employing 'Scale on Alertness' constructed and standardized by Packiam,A. and Muthumanickam,A. (2017). The result reveals that the alertness of XI standard students is found to be above the average level. The alertness is found higher among those who are female than male, who belongs Rural areas than urban areas, who are studying Tamil medium than English medium, who belongs to Government school than Aided and private and who belongs to unisex school than the co-education school.

KEYWORDS : Alertness, XI Standard Students.

NEED FOR THE STUDY

Listening to others is a skill that is basic to all human relationships, and every interaction with another person is an opportunity to demonstrate attentiveness. Many young people fail to be attentive because they are self-focused and have not considered how their behavior affects others. In an instructional setting, an attentive person can give the speaker great encouragement by sitting near the front and responding with gestures that reflect his attentiveness, such as nodding, smiling, and jotting down notes. Physical expressions of boredom are disheartening and distracting to others, particularly in a large group setting such as a classroom or church. The purpose of the study is to develop alertness of the students. The students studying in higher secondary are in the group of 16 to17 years. They are in the adolescence stage. The investigator noticed the alertness problems of the adolescent students in the schools. This has made the investigator choose the present study.

VARIABLES OF THE STUDY

Dependent variable

- Alertness

Independent variables



- Gender : Male/Female
- Residence : Day scholar/ Hosteller
- Nativity : Rural/Urban
- Medium : Tamil /English
- School kind : Unisex(boys/girls) /Co-education
- Group of the study : Arts / Science

OBJECTIVES OF THE STUDY

The specific objectives are,

- To measure the alertness level among XI standard students in Madurai District.
- To find out whether there is a significant difference in alertness among XI standard students in terms of Select population variables.

HYPOTHESES OF THE STUDY

The hypotheses formulated in this study are as follows:

- The level of alertness among XI standard students is above average.
- Each of the independent variables of this study exerts a significant influence on XI standard students' alertness

METHODOLOGY -IN –BRIEF

Design : Descriptive

Method : Normative

Technique : Survey

Sample

A stratified representative sample of 500 XI standard students.

Tools Used

The tools used for data collection are as follows:

- General information sheet structured by the investigator.
- **Scale on Alertness** constructed and Standardized by **Packiam, A. and Muthumanickam, A. (2017)**

Statistical Treatments

The statistical treatments employed in the study are listed below:

- Test of significance of difference between the means of large independent samples.
- Test of significance of product moment 'r'

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The empirical average score of alertness among XI standard students found to be 38.87, while theoretical average is 26 only. Hence, the alertness of XI standard students are found to be above the average level.

DIFFERENTIAL STUDIES IN ALERTNESS

The statistical measures and the result of test of significance of difference between the mean scores of alertness among XI Standard students in terms of Independent variables are presented in

Table.1

VARIABLE	SUB-VARIABLES	N	MEAN	SD	't' VALUE	SIGNIFICANCE AT 0.05 LEVEL
GENDER	Male	202	37.77	10.276	-2.237	Significant
	Female	298	39.61	6.800		
RESIDENCE	Day scholar	468	38.66	8.544	-3.013	Significant
	Hosteller	32	41.88	5.598		
NATIVITY	Rural	247	39.66	7.700	2.073	Significant
	Urban	253	38.10	9.015		
MEDIUM	Tamil	325	40.75	7.733	6.959	Significant
	English	175	35.34	8.556		
SCHOOL KIND	Unisex	274	39.79	6.964	2.548	Significant
	Co-education	226	37.82	9.746		
GROUP OF THE STUDY	Arts	283	39.15	8.722	0.865	Not Significant
	Science	217	38.50	8.011		

HYPOTHESES VERIFICATION

Hypothesis 1: The level of alertness among XI standard students is above average.

The empirical average score of alertness among XI standard students found to be 38.87, while theoretical average is 26 only. Hence, the alertness of XI standard students is found to be above the average level.

Hence the hypothesis 1 is accepted.

Hypothesis 2: Each of the independent variables involved in this study exerts significant influence on Alertness among XI standard students.

Five out of six independent variables exerts a significant influence on alertness among XI standard students.

Hence, Hypothesis 2 is substantiated.

CONCLUSIONS

The major conclusion emerged out of the present study are listed below.

- Alertness of XI standard students is found to be well above the average
- Alertness among XI standard students is found dependent upon
- Gender
- Nativity
- Residence
- Medium
- School kind
- Alertness among XI standard students is found independent upon
- Group of the study
- Alertness is found higher among the students
- Those who are female than male.
- Those who belongs to hosteller than dayscholar
- Who belongs Rural areas than urban areas
- who are studying Tamil medium than English medium

- Who belongs to unisex school than the co-education school

EDUCATIONAL IMPLICATIONS

At times one may experience episodic lapses of Alertness. In such cases sentences or ability to remember slips out of the mind's reach no matter how hard one tries. . It can quite be frustrating for one to get out of touch with his/her thoughts, or not sufficiently retain memory already stored up till the required instance. So the students should get adequate exercise for active attention from the varies environmental situation.

- Conduct varies programmes to increase the alertness in the school side.
- Guidance and counseling should be given to increase alertness
- Being a good health, It will help to increase alertness. because, health care experts have proven that someone who's lethargic or slothful doesn't aid the brain to stimulate certain hormones related to memory retention

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