

A Study of the Values, Adjustment and Academic Achievement of Low and High Creative Students Studying in Senior Secondary Schools of Meerut

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Abstract : The concept of values cannot be defined specifically. Every individual has some experiences which increase with the lapse of time , individuals form a few principles of their own conduct , based on the experiences which convert the whole life into a model of Philosophy which originates a specific art of living and provides guidelines for action. Every individual form his beginning days in first grade until secondary grade and later makes a long series of adjustment between the whole unique personality he is and the program of schools, atmosphere at home with peer group etc. Creativity has been defined variously , but all tell the same story. It consists uniqueness, novelty in ideas. It moves away from the beaten path, from responses already known , defined and expected . Academic Achievement means education is a regulate curriculum in the field / place and to which the named 'Academy' Achievement is defined as performance.

Keywords : Academy, Philosophy

Introduction

Values of an Individual are very important determinants of his behavior . They are the part of an individual's inner life expressed through behavior .Different type of values like religious ,theoretical, aesthetic etc. act as a motivating force in the behavior of an individual. The concept of values can not be defined specifically. Every individual has some experiences which increase with the lapse of time , individuals form a few principles of their own conduct , based on the experiences which convert the whole life into a model of Philosophy which originates a specific art of living and provides guidelines for action.Adjustment is the process by which a living organism maintains balance between its needs and the circumstances that influences the satisfaction of these needs. Adjustment is a process to understand a person and his behavior. Every individual form his beginning days in first grade until secondary grade and later makes a long series of adjustment between the whole unique personality he is and the program of schools, atmosphere at home with peer group etc. Each boy and girl is seeking to become an individual person having a healthy physique a growing intellectual ability a degree of emotional poise an increased participation in social group.Creativity has been defined variously , but all tell the same story . It consist uniqueness, novelty in ideas. It moves away from the beaten path, from responses already known , defined and expected . It is thinking in different directions . Creativity suggested utmost freedom human thought. The creative individual is free to choose any path that is

open to him. It is viewed as involving the production of as many answers as possible to a given problem. Academic Achievement means education is a regulate curriculum in the field / place and to which the named 'Academy' Achievement is defined as performance. Thus the world achievement or performances means the end gain or level of success attained by an individual or group on completion of task whether it is academic named personal or social . Annual examinations marks is considered as Academic Achievement.

Review of Related Literature

Sharma,S.k.(2015) Investigated the relationship between low and high creative students of IX standard in Gorakhpur District of U.P.

Sharma, B.N. (2008) Conducted a study of achievement on scheduled caste sr. sec. school students of Himanchal Pradesh and observed its relationship to their locus control , anxiety , adjustment and values . Sample of 392 boys and girls were selected by cluster random sample technique.

Kaur, Parvindra.(1992) Studied relationship among creativity intelligence achievement In different subjects of X grades problem is concerned With the prediction of achievement in different schools subjects on the basis of different dimensions of creativity, composite creativity and intelligence.

Irudayaraj,M (1989) Investigated the relationship between creativity and scholastic achievement in science of standard X students in Devakottai Educational District.

Brar,S.S.(1986) A Comparative study of the performance in bachelor of Education Examination of High Creative and Low Creative Boys and Girls at different Levels of General Intelligence and Socio – economic Status.

Objectives of the Study:-

1. To study the significant difference in values among low and high creative students studying in senior secondary schools of Meerut.
2. To study the significant difference in overall adjustment among low and high creative students studying in senior secondary schools of Meerut.
3. To study the significant difference if any in academic achievement among low and high creative students studying in senior secondary schools of Meerut.

Hypotheses

1. There is no significant difference in values among low and high creative students studying in senior secondary schools of Meerut.
2. There is no significant difference in overall adjustment among low and high creative students studying in senior secondary schools of Meerut.
2. There is no significant difference if any in academic achievement among low and high creative students studying in senior secondary schools of Meerut.

Research Methodology of the Study:-

In the present study descriptive survey method was used .

Variables

Dependent Variables --- 1.Values
 2. Adjustment
 3. Academic Achievement

Moderator Variables --- Gender

Independent Variables --- Low creative and High creative

Sampling:- A sample of 570 students of (both sex) senior secondary school studying in government, government aided and public schools of Meerut. Schools was selected randomly and random cluster sampling technique was used.

Tools used in Research:-

1. **Verbal Test of Creative Thinking** -----Dr. Baquer Mehdi

2. **Personal Value Questionnaire**-----Dr.(Mrs.) G.P. Shery
 And R.P. Verma

3. **Adjustment Inventory for School Students**---Dr.A.k.P.Sinha and
 R.P. Singh

4. **Academic Achievement** ----- -11th Class annual examination scores

Statistical Technique :- The obtained data were analyzed by using descriptive statistical technique such as mean, standard deviation and t-test.

Result and discussion:-

Table-1

Significance in Values between Low and High Creative Senior Secondary Students of Meerut

Values	Low Creative N=243		High Creative N=327		t-Values	Level of Significance
	Mean	SD	Mean	S D		
Religious	12-83	3-17	13-34	3-29	1-88	N.S.
Social	13-02	3-14	15-60	3-39	8-67	0-01
Democratic	14-75	3-47	15-60	3-50	2-87	0-01
Aesthetic	10-83	2-92	11-67	3-41	3-17	0-01
Economic	11-58	3-37	11-10	3-81	1-60	N.S.
Knowledge	12-55	3-41	12-79	3-35	4-33	0-01
Hedonistic	11-21	3-12	11-35	3-53	0-48	N.S.
Power	10-42	2-78	10-25	3-40	0-65	N.S.
Family- Prestige	11-76	3-25	11-58	4-13	0-60	N.S.
Health	10-88	3-50	10-93	3-14	0-18	N.S.

Table 1 reveals that t- value of low creative students and high creative students for religious value is 1.88 which is not significant even at 0.05 levels of significance. So the null hypothesis, There is no significant difference in religious value between low and high creative students is accepted. The obtained difference in religious value of low and high creative students is not real but it may be due to

sampling error. Thus it can be interpreted that there is no significant difference in religious value of low and high creative students in senior secondary schools of Meerut.

Table 1 also reveals that t- value of low and high creative students of social value 8.67 which is significant at 0.01 levels of significance. So the null hypothesis. There is no significant difference in social value between low and high creative students is rejected . The obtained difference in social value of low and high creative students is rejected . The obtained difference in social value of low and high creative students is real and is not due to sampling error. Further the mean score in social value of high creative students 15.60 which is higher than the mean score of 13.02 in social value of low creative students .Hence, it can be interpreted that social value of high creative students is more significant than social value of low creative students in senior secondary schools of Meerut.

It is evident from table 1 that t – value of creative students for democratic value 2.86 which is significant at 0.01 levels of significance . So the null hypothesis . There is no significant difference in democratic value between low and high creative students is rejected .The obtained difference in democratic value of low and high creative students is real and is not due to sampling error. Further the mean score in democratic value of high creative students 15.60 which is higher than the mean score of 14.75 in democratic value of low creative students . Hence ,it can be interpreted that democratic value of high creative students is more significant than democratic value of low creative students in senior secondary schools of Meerut.

It is clear from Table 1 that t-value of low creative and high creative students for knowledge value which is significant at 0.01 levels difference . So the null hypothesis . There is no significant difference in knowledge value between low and high creative students is rejected. The obtained difference in knowledge value of low and high creative students is real and is not due to sampling error Further the mean score in knowledge value of high creative students 13.79 which is higher than the mean score of 12.55 knowledge value of low creative students. Hence ,it can be interpreted that knowledge value of high creative students is more significant than knowledge value of low creative students in secondary schools of Meerut.

Table no. 1 reveals that t-value of low creative students and high creative students for power value is 0.65 which is not significant even at 0.05 levels of significance . So the null hypothesis . There is no significant difference in power value between low and high creative students is accepted . The calculated difference in power value of low and high creative students is not real but it may be due to sampling error. Thus it can be interpreted that there is no significant difference in power value of low and high creative students in senior secondary schools of Meerut.

It is clear from 1 table that t-value of low and high creative student for family – prestige value is 0.60 which is not significant even at 0.05 levels of significance. So the null hypothesis. There is no significant difference in family-prestige value of low and high creative students is accepted. This is calculated difference in family –prestige value of low and high creative students is not real but it may be due to sampling error. Thus it can be interpreted that there is no significant difference in family –prestige value of low and high creative students in senior secondary schools of Meerut.

An inspection of the Table 1 reveals that t-value of low and high creative students for health value is 0.18 which is not significant even at 0.05 levels of significance . So null hypothesis. There is no significant difference in health value between low and high creative students is accepted. This is calculated difference in health value of low and high creative students is not real but it may be due to sampling error. Thus it can be interpreted that there is no significant difference in health value of low and high creative students in senior secondary schools of Meerut.

Table-2

Significance in Adjustment Low and High Creative Senior Secondary Students of Meerut

Adjustment	Low Creative N = 243		High Creative = 327		t-Value	Level of significance
	Mean	S D	Mean	S D		
Emotional	5-28	3-24	5-04	3-46	0-88	N.S.
Social	9-48	2-95	8-72	3-04	2-97	0-01
Educational	8-27	3-47	8-03	3-49	0-81	N.S.
Overall	23-03	6-25	21-79	7-25	2-20	0-05

Table no-2 reveals that t-value of low creative students and high creative students for emotional adjustment is 0.88 which is not even significant at 0.05 levels of significance . So the hypothesis is null. There is no significant difference in emotional adjustment between low and high creative students , is accepted The calculated difference in emotional adjustment of low and high creative is not real but it may be due to sampling error. Thus it can be interpreted that there is no significant difference in emotional adjustment of low and high creative students in senior secondary schools of Meerut.

Table no-2 reveals that t- value of low creative students and high creative students for social adjustment is 2.97 which is significant at 0.01 level of significance . So the null hypothesis, There is no significant difference in social adjustment between low and high creative students , is rejected. The obtained difference in social adjustment of low and high creative students is real and is not due to sampling error. Further the mean score in social adjustment of high creative students is 8.72 which is lower than the mean score of 9.48in social adjustment of low creative students . Hence, it can be interpreted that social adjustment of high creative students is less significant than social adjustment of low creative students in senior secondary schools of Meerut.

Table no.-2 also reveals that t- value of low creative students and high creative students for educational adjustment is 0.81 which is not significant even at 0.05 levels of significance . So the null hypothesis, There is no significant difference in educational adjustment between low and high creative students , is accepted. The calculated difference in educational adjustment of low and high creative students is not real but it may be due to sampling error. Thus it can be interpreted that there is no significant difference in educational adjustment of low and high creative students in senior secondary schools of Meerut.

Table no. 2 also reveals that t-value of low creative students and high creative students for overall adjustment is 2.20 which is significant at 0.05levels of significance. So the null hypothesis , There is no significant difference in overall adjustment between and high creative students , is rejected .The

obtained difference in overall adjustment of low and high creative students is real and is not due to sampling error . Further the mean score in overall adjustment of high creative students is 21.79 which is lower than the mean score 23.03 in overall adjustment of low creative students . Hence , it can be interpreted that overall adjustment of high creative students is less significant than overall adjustment of low creative students in senior secondary schools of Meerut.

Table-3

Significance in Academic Achievement Low and High Creative Senior Secondary Students of Meerut

Academic Achievement	N	Mean	S.D.	t- Value	Level of Significance
Low Creative	243	53-51	17-40	7-48	0-01
High Creative	327	59-83	12-27		

Table no-3 reveals that t-value of low creative students and high creative students for academic achievement 7.48, which is significant at 0.01 levels of significance . So the null hypothesis. There is no significant difference in academic achievement between low and high creative students ,is rejected. The obtained difference in academic achievement of low and high creative students is real and is not due to sampling error . Further the mean score in academic achievement of high creative students is 59.83 which is higher than the mean score 53.51 of low creative students . Hence, it is interpreted that academic achievement of high creative students is more significant than academic achievement of low creative students in senior secondary schools of Meerut.

Conclusion

1. The high creative students of Meerut are social democratic ,aesthetic and better in knowledge than low creative students .
2. Male high creative students are religious democratic, aesthetic, economic, knowledge and hedonistic than male low creative students.
3. Female low creative students are social, economic than female low creative students. No significant difference in rest of the values.
- 4.The high creative students are better in academic achievement than the low creative students of Meerut.

BIBLIOGRAPHY

1. Navita, 2008 "An investigation into The Relationship Between Personal Values, Teaching Attitude and socio economic Status of Teacher Trainees. Ph.D.G.G.S Indraprastha University , Delhi."
2. Sharma,B.N. 2008 "A Study of Achievement of S.C. Students of Himachal Pradesh In Relation to Locus of Control, Anxiety, Adjustment and Values, M.D. University, Rohtak."
3. Wang ,Amber Yayin, 2007 " Contexts of Creative Thinking: Learning and Creative in Taiwan and The United States. Dissertation Abstracts International Vol.68no.5 November 2007".
4. Wolfolk,A 2006 " Educational Psychology. Doring Kindersley , New Delhi".

5. **Sharma,R.A. 2006** “Fundamental of Educational Psychology. Surya Publication, Meerut”
6. **Ngaraju,C.S. 2003** “ Indian Educational Abstract NCERT. Delhi. Vol. 3 No. 1,Jan. 3”
7. **Howell,David.C 2002** “ Statistical Methods for Psychology. Duxbury Thomson learning .5 ed.U.S.A.”
8. **Breakwell et.al. 2000** “ Research Methods in Psychology, Sage Publication, Delhi.”
9. **Stemberg,R.J. 1999** “ The Concept of Creativity. Prospects and Paradigms in Education.”
10. **Stemberg, R.V.(Ed.)** “ Handbook of Creativity, Cambridge University Press.”