



A CORRELATIVE STUDY OF ACADEMIC ACHIEVEMENT AND INTERPERSONAL SKILL OF STUDENTS

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Abstract

The research was conducted to study the correlation between academic achievement and interpersonal skill. Interpersonal skill is one of the skills of basic ten life skills. Research method is correlation method. Data collection tool is inventory. Data collection is done by filling interpersonal skill inventory which was distributed among 50 students of class 5. The grades of the fifty students of summative assessment 1 are considered for academic achievement. Grades are converted in to average marks of a particular grade. The Pearson product moment is a statistical tool used for finding correlation between academic achievement and interpersonal skill. The result shows that there is no correlation between academic achievement and interpersonal skill.



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Background

Academic achievement plays important role in everyone's life. In school days, students who performed well in academic are always remembered by all students as well as parents and teachers. Naturally, the academic achiever gain more importance in school. They get motivation, become more confident, and there is a possibility of developing good rapport with classmates, teachers and with others components of the society. So the students who performed well in academic may have good interpersonal skill. Here interpersonal skill includes social skill, emotional skill, active listening, anger management, leadership. The students with good

academic record may possess good interpersonal skill because of the treatment they get in their environment.

Need and importance

Need It is necessary to find out the correlation between academic achievement and interpersonal skill because in future, students need to develop interpersonal skill to become successful in professional and personal life..

Importance: It is very important to find out correlation between academic achievement and interpersonal skill because it will help us to chalk out the programme which will enable students to excel in academic performance.

Statement of problem

To study the correlation between academic achievement and interpersonal skill on class 5 students.

Operational Definitions

- 1) Academic Achievement:- Performance of students in Summative Assessment 1 in the forms of grade.
- 2) Interpersonal skill :- The set of abilities helping students to interact with other. The skill includes active listening, social skill, emotional skill, anger management, leadership.
- 3) Class 5 students:- Students of class 5 of SSC board School.

Objectives of Research

- 1) To find correlation between academic achievement and interpersonal skill.

Assumptions

There is a correlation between academic achievement and interpersonal skill.

Research Question

What is the correlation between academic achievement and interpersonal skill?

Scope

- 1) This research is related to students of class 5 of SSC board school in Pune city.

Limitation

- 1) Result of this research is limited to response of students.
- 2) There is no standardized tool for collecting data in research.

Delimitation

- 1) This research of this result is limited to students of class 5 of SSC board schools.
- 2) This research is limited to 50 students of students of class 5 of SSC board school.
- 3) Result of the research is depended on researcher made data collection tool.

Method of research

Correlation method

Sample

Sample:- 50 students of class 5 of SSC board School.

Research tool and technique

Tool for data collection is interpersonal skill inventory, Grades of Summative Assessment 1.

Data analysis technique is Pearson product moment.

Calculation:

R ol l N o.	X	M	X- M= x	x ²	Y	M	Y- M= y	y ²	xy	Σx ²	Σy ²	Σxy	$r_{xy} = \frac{\sum xy}{\sqrt{\sum x^2 * \sum y^2}}$
1	10	113.	-	27.2	8	77.	-	55.5	38.8	5384.	7906.	856.	0.13
	8	22	5.2	5	5	55	7.4	0	9				
2	11	113.	-	4.93	7	77.	-	57.0	16.7				
	1	22	2.2	2	0	55	7.5	0	6				
3	98	113.	-	231.	9	77.	-	304.	265.	58	12	95	
	22	22	15.	65	5	55	17.	50	59				
4	10	113.	-	27.2	7	77.	-	57.0	39.4				
	8	22	5.2	5	0	55	7.5	0	1				

5	11 1	113. 22	- 2.2 2		7 0	77. 55	- 7.5 5	57.0 0	16.7 6			
6	11 1	113. 22	- 2.2 2		7 0	77. 55	- 7.5 5	57.0 0	16.7 6			
7	12 2	113. 22	8.7 8	77.0 9	7 0	77. 55	- 7.5 5	57.0 0	66.2 9			
8	11 4	113. 22	0.7 8		9 5	77. 55	17. 45	304. 50	13.6 1			
9	10 8	113. 22	- 5.2 2		7 0	77. 55	- 7.5 5	57.0 0	39.4 1			
10	10 4	113. 22	- 9.2 2		5 2 5	77. 55	- 25. 05	627. 50	230. 96			
11	87	113. 22	- 26. 22		5 2 5	77. 55	- 25. 05	627. 50	656. 81			
12	10 8	113. 22	- 5.2 2		7 0	77. 55	- 7.5 5	57.0 0	39.4 1			
13	11 4	113. 22	0.7 8		8 5	77. 55	7.4 5	55.5 0	5.81			
14	10 3	113. 22	- 10. 22		8 5	77. 55	- 7.4 5	55.5 0	76.1 4			
15	13	113.	16.	281.	9	77.	17.	304.	292.			

	0	22	78	57	5	55	45	50	81				
	13	113.	24.	614.	7	77.	-	57.0	-				
16	8	22	78	05	0	55	5	0	09				
	11	113.	-	10.3	9	77.	17.	304.	-				
17	0	22	2	7	5	55	45	50	9				
	11	113.	-		7	77.	-	57.0	-				
18	1	22	2	4.93	0	55	5	0	6				
	11	113.	-		7	77.	-	57.0	-				
19	3	22	2	0.05	0	55	5	0	1.66				
	12	113.	8.7	77.0	9	77.	17.	304.	153.				
20	2	22	8	9	5	55	45	50	21				
	13	113.	18.	352.	8	77.	7.4	55.5	139.				
21	2	22	78	69	5	55	5	0	91				
	10	113.	-	38.6	8	77.	7.4	55.5	-				
22	7	22	2	9	5	55	5	0	4				
	11	113.	2.7		7	77.	-	57.0	-				
23	6	22	8	7.73	0	55	5	0	9				
	11	113.	-		7	77.	-	57.0	-				
24	1	22	2	4.93	0	55	5	0	6				
	10	113.	6.2	38.6	7	77.	-	57.0	-				
25	7	22	2	9	0	55	5	0	6				
	11	113.	-	10.3	9	77.	17.	304.	-				
26	0	22	3.2	7	5	55	45	50	56.1				

			2						9				
			-		5								
			4.2	17.8	2		-						
27	10	113.	4.2	17.8	5	77.	25.	627.	105.				
	9	22	2	1	5	55	05	50	71				
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			1.2		7	77.	7.5	57.0					
28	11	113.	1.2		7	77.	7.5	57.0					
	2	22	2	1.49	0	55	5	0	9.21				
			3.7	14.2	8	77.	7.4	55.5	28.1				
29	11	113.	3.7	14.2	8	77.	7.4	55.5	28.1				
	7	22	8	9	5	55	5	0	6				
			4.7	22.8	8	77.	7.4	55.5	35.6				
30	11	113.	4.7	22.8	8	77.	7.4	55.5	35.6				
	8	22	8	5	5	55	5	0	1				
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			4.2	17.8	2		-						
31	10	113.	4.2	17.8	5	77.	25.	627.	105.				
	9	22	2	1	5	55	05	50	71				
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			2.2		9	77.	17.	304.	38.7				
32	11	113.	2.2		9	77.	17.	304.	38.7				
	1	22	2	4.93	5	55	45	50	4				
			-										
			3.2	10.3	9	77.	17.	304.	56.1				
33	11	113.	3.2	10.3	9	77.	17.	304.	56.1				
	0	22	2	7	5	55	45	50	9				
			2.7		8	77.	7.4	55.5	20.7				
34	11	113.	2.7		8	77.	7.4	55.5	20.7				
	6	22	8	7.73	5	55	5	0	1				
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N			X-				Y-						
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35	99	22	14.	21	5	55	5	0	105.				

			22						94
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36	11 0	113. 22	3.2 2	10.3 7	8 5	77. 55	7.4 5	55.5 0	23.9 9
37	12 1	113. 22	7.7 8	60.5 3	7 0	77. 55	7.5 5	57.0 0	58.7 4
38	13 4	113. 22	20. 78	431. 81	9 5	77. 55	17. 45	304. 50	362. 61
39	11 1	113. 22	2.2 2	4.93	7 0	77. 55	7.5 5	57.0 0	16.7 6
40	13 1	113. 22	17. 78	316. 13	8 5	77. 55	7.4 5	55.5 0	132. 46
41	95	113. 22	- 18. 22	331. 97	8 5	77. 55	7.4 5	55.5 0	- 135. 74
42	12 3	113. 22	9.7 8	95.6 5	8 5	77. 55	7.4 5	55.5 0	72.8 6
43	10 2	113. 22	- 11. 22	125. 89	8 5	77. 55	7.4 5	55.5 0	- 83.5 9
44	12 1	113. 22	7.7 8	60.5 3	7 0	77. 55	7.5 5	57.0 0	58.7 4
45	10 6	113. 22	- 7.2 2	52.1 3	7 0	77. 55	7.5 5	57.0 0	54.5 1
46	12 3	113. 22	9.7 8	95.6 5	8 5	77. 55	7.4 5	55.5 0	72.8 6

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47	12	113.	14.	218.	7	77.	7.5	57.0	111.										
	8	22	78	45	0	55	5	0	59										
48	10	113.	-	149.	7	77.	-	57.0	92.2										
	1	22	12.	33	0	55	7.5	0	6										
			22				5												
49	10	113.	-	27.2	8	77.	7.4	55.5	38.8										
	8	22	5.2	5	5	55	5	0	9										
			2																
					5														
					2		-		-										
	13	113.	18.	352.	.	77.	25.	627.	470.										
50	2	22	78	69	5	55	05	50	44										

Result:

There is no correlation between academic achievement and interpersonal skill.

Conclusion:

- 1) Development of interpersonal skill does not depend on academic performance.
- 2) Students scoring B grade, C grade have shown good interpersonal skill.
- 3) Students scoring A grade have shown good interpersonal skill.

Suggestions:

- 1) To enhance interpersonal skill activities such as situation based enacting, just a minute should be conducted.

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