

APPENDIX XXIV. A - SIGNIFICANCE OF PARTIAL r 's WITH VALUES
FROM THE SAMPLE OF B.Ed. STUDENTS

Educational Variables:

X_1 = Teacher Attitude

X_2 = Awareness of Recent Developments in Education

X_3 = Knowledge of Recent Developments in Education

X_4 = Utilization of Sources of Information

X_5 = Grade Point Average

Sr. No.	Partial Correlation Coefficients	Values from the B.Ed. Sample	$t = \left\{ \frac{r}{1 - r^2} \right\} \sqrt{N-K-2}$	Results
(1)	(2)	(3)	(4)	(5)
1.	$r_{12.3}$	0.2737	6.6312	S**
2.	$r_{12.4}$	0.2214	5.2904	S**
3.	$r_{12.5}$	0.2717	6.5786	S**
4.	$r_{13.2}$	0.1052	2.4652	S**
5.	$r_{13.4}$	0.0791	1.8490	N.S.
6.	$r_{13.5}$	0.0820	1.9173	N.S.
7.	$r_{14.2}$	0.1687	3.9882	S**
8.	$r_{14.3}$	0.2243	5.3635	S**
9.	$r_{14.5}$	0.2286	5.4719	S**
10.	$r_{15.2}$	0.1059	2.4816	S**
11.	$r_{15.3}$	0.0897	2.0986	S**
12.	$r_{15.4}$	0.0981	2.2970	S**
13.	$r_{23.1}$	0.0299	-0.6970	N.S.

S** = Significant at .01 level S* = Significant at .05 level
N.S. = Not significant

(1)	(2)	(3)	(4)	(5)
14.	$r_{23.4}$	-0.0321	-0.7484	N.S.
15.	$r_{23.5}$	-0.0050	-0.1165	N.S.
16.	$r_{24.1}$	0.2339	5.7658	S**
17.	$r_{24.3}$	0.2839	6.8991	S**
18.	$r_{24.5}$	0.2817	6.8414	S**
19.	$r_{25.1}$	-0.0100	-0.2330	N.S.
20.	$r_{25.3}$	0.0202	0.4708	N.S.
21.	$r_{25.4}$	0.0054	0.1259	N.S.
22.	$r_{34.1}$	0.0839	1.8619	S*
23.	$r_{34.2}$	0.1093	2.5623	S**
24.	$r_{34.5}$	0.0953	2.2310	S*
25.	$r_{35.1}$	0.1865	4.4233	S**
26.	$r_{35.2}$	0.1953	4.6401	S**
27.	$r_{35.4}$	0.1913	4.5418	S**
28.	$r_{45.1}$	0.0270	0.6294	N.S.
29.	$r_{45.2}$	0.0474	1.1058	N.S.
30.	$r_{45.3}$	0.0314	0.7321	N.S.
31.	$r_{12.34}$	0.2249	5.3734	S**
32.	$r_{12.45}$	0.2220	5.3009	S**
33.	$r_{12.35}$	0.2731	6.6092	S**
34.	$r_{13.24}$	0.0884	2.0661	S*
35.	$r_{13.25}$	0.0866	2.0238	S*
36.	$r_{13.45}$	0.0617	1.4392	N.S.
37.	$r_{14.23}$	0.1529	3.6022	S**
38.	$r_{14.25}$	0.1647	3.8872	S**

(1)	(2)	(3)	(4)	(5)
39.	$r_{14.35}$	0.2226	5.3158	S*
40.	$r_{15.23}$	0.0875	2.0450	S**
41.	$r_{15.24}$	0.0999	2.3375	S**
42.	$r_{15.34}$	0.0849	1.9837	S**
43.	$r_{23.14}$	-0.0510	-1.1889	N.S.
44.	$r_{23.15}$	-0.0303	-0.7057	N.S.
45.	$r_{23.45}$	-0.0337	-0.7850	N.S.
46.	$r_{24.13}$	0.2373	5.6872	S**
47.	$r_{24.15}$	0.2344	5.6131	S**
48.	$r_{24.35}$	0.2836	6.8847	S**
49.	$r_{25.13}$	-0.0448	-1.0440	N.S.
50.	$r_{25.34}$	0.0118	0.2747	N.S.
51.	$r_{25.14}$	-0.0168	-0.3912	N.S.
52.	$r_{34.12}$	0.0935	2.1864	S*
53.	$r_{34.15}$	0.0793	1.8519	N.S.
54.	$r_{34.25}$	0.1021	2.3894	S*
55.	$r_{35.12}$	0.1863	4.4145	S**
56.	$r_{35.14}$	0.1890	4.4807	S**
57.	$r_{35.24}$	0.1915	4.5423	S**
58.	$r_{45.12}$	0.0301	0.7010	N.S.
59.	$r_{45.13}$	0.0115	0.2677	N.S.
60.	$r_{45.23}$	0.0267	0.6218	N.S.
61.	$r_{12.345}$	0.2247	5.3637	S**

B

(1)	(2)	(3)	(4)	(5)
62.	$r_{13.452}$	0.0710	1.6556	N.S.
63.	$r_{14.523}$	0.1573	3.7046	S**
64.	$r_{15.234}$	0.0844	1.9702	S*
65.	$r_{23.451}$	-0.1688	-3.9831	N.S.
66.	$r_{24.513}$	0.2376	5.6897	S**
67.	$r_{25.134}$	-0.0489	-1.1396	N.S.
68.	$r_{34.512}$	0.0889	2.0761	S*
69.	$r_{35.124}$	0.1844	4.3637	S**
70.	$r_{45.123}$	0.0130	0.3024	N.S.

APPENDIX XXIV. B - SIGNIFICANCE OF PARTIAL r 's WITH VALUES
FROM THE SAMPLE OF M.Ed. STUDENTS

Sr. No.	Partial Correlation Coefficients	Values from the M.Ed. Sample	$t = \left\{ \frac{r}{1 - r^2} \right\} \sqrt{N-K-2}$	Results
(1)	(2)	(3)	(4)	(5)
1.	$r_{12.3}$	-0.0384	0.3328	N.S.
2.	$r_{12.4}$	0.0296	0.2563	N.S.
3.	$r_{12.5}$	0.0304	0.2634	N.S.
4.	$r_{13.2}$	0.2538	2.2722	S*
5.	$r_{13.4}$	0.1312	1.1461	N.S.
6.	$r_{13.5}$	0.2400	2.1409	S*
7.	$r_{14.2}$	-0.1293	-1.1292	N.S.
8.	$r_{14.3}$	0.2178	1.9325	N.S.
9.	$r_{14.5}$	-0.1329	-1.1612	N.S.
10.	$r_{15.2}$	0.1179	1.0281	N.S.
11.	$r_{15.3}$	0.0655	0.5684	N.S.
12.	$r_{15.4}$	0.1231	1.0742	N.S.
13.	$r_{23.1}$	0.0930	0.8089	N.S.
14.	$r_{23.4}$	-0.0365	0.3163	N.S.
15.	$r_{23.5}$	0.0608	0.5275	N.S.
16.	$r_{24.1}$	0.3931	3.7022	S**
17.	$r_{24.3}$	0.3857	3.6204	S**
18.	$r_{24.5}$	0.3885	3.6510	S**
19.	$r_{25.1}$	0.1298	1.1337	N.S.

S** - Significant at .01 level S* - Significant at .05 level
N.S. - Not significant

2

(1)	(2)	(3)	(4)	(5)
20.	$r_{25.3}$	0.1118	0.9743	N.S.
21.	$r_{25.4}$	0.1143	0.9964	N.S.
22.	$r_{34.1}$	0.3479	3.2133	S**
23.	$r_{34.2}$	0.2923	2.6469	S**
24.	$r_{34.5}$	0.2968	2.6917	S**
25.	$r_{35.1}$	0.1871	1.6500	N.S.
26.	$r_{35.2}$	0.2002	1.7695	N.S.
27.	$r_{35.4}$	0.2017	1.7835	N.S.
28.	$r_{45.1}$	0.0720	0.0625	N.S.
29.	$r_{45.2}$	0.0088	0.0762	N.S.
30.	$r_{45.3}$	-0.0064	-0.0554	N.S.
31.	$r_{12.34}$	-0.1359	1.1797	N.S.
32.	$r_{12.45}$	0.0157	0.1350	N.S.
33.	$r_{12.35}$	-0.0461	-0.3969	N.S.
34.	$r_{13.24}$	0.1324	1.1488	N.S.
35.	$r_{13.25}$	0.2358	2.0867	S**
36.	$r_{13.45}$	0.1095	0.9474	N.S.
37.	$r_{14.23}$	0.2523	2.2424	S**
38.	$r_{14.25}$	0.1571	1.3680	N.S.
39.	$r_{14.35}$	0.2202	1.9413	N.S.
40.	$r_{15.23}$	0.0708	0.6104	N.S.
41.	$r_{15.24}$	0.1200	1.0395	N.S.
42.	$r_{15.34}$	0.0685	0.5905	N.S.
43.	$r_{23.14}$	-0.0408	-0.3512	N.S.
44.	$r_{23.15}$	0.0705	0.6078	N.S.
45.	$r_{23.45}$	-0.0613	0.5282	N.S.

3

(1)	(2)	(3)	(4)	(5)
46.	r _{24.13}	0.3864	3.6030	S**
47.	r _{24.15}	0.3962	3.7109	S**
48.	r _{24.35}	0.3886	3.6271	S**
49.	r _{25.13}	0.1149	0.9947	N.S.
50.	r _{25.34}	0.1238	1.0729	N.S.
51.	r _{25.14}	0.1107	0.9580	N.S.
52.	r _{34.12}	0.3400	3.1093	S**
53.	r _{34.15}	0.3413	3.1225	S**
54.	r _{34.25}	0.2965	2.671	S**
55.	r _{35.12}	0.1807	1.5801	N.S.
56.	r _{35.14}	0.1733	1.5132	N.S.
57.	r _{35.24}	0.2066	1.8160	N.S.
58.	r _{45.12}	0.0230	0.1978	N.S.
59.	r _{45.13}	0.0075	0.0645	N.S.
60.	r _{45.23}	-0.0530	-0.4564	N.S.
61.	r _{12.345}	-0.1573	-1.3602	N.S.
62.	r _{13.245}	0.1107	0.9513	N.S.
63.	r _{14.235}	0.0940	0.8063	N.S.
64.	r _{15.234}	0.0872	0.7475	N.S.
65.	r _{23.145}	-0.0181	-0.1546	N.S.
66.	r _{24.135}	0.3969	3.6927	S**
67.	r _{25.134}	0.1214	1.0445	N.S.
68.	r _{34.125}	0.3421	3.1090	S**
69.	r _{35.124}	0.1839	1.5977	N.S.
70.	r _{45.123}	-0.0415	-0.3547	N.S.