Appendix 9

Reliability of Post test

No	Name	R1	R2	D	d^2
1	ATC	75	80	5	25
2	BN	75	75	0	0
3	DA	80	85	5	25
4	DAM	75	80	5	25
5	DW	85	75	10	100
6	DIP	80	80	0	0
7	DD	80	75	5	25
8	DDM	80	85	5	25
9	ED	80	90	10	100
10	ER	80	80	0	0
11	FDH	80	85	5	25
12	FT	80	80	0	0
13	FAP	85	75	10	100
14	FD	75	80	5	25
15	JAR	75	85	10	100
16	MM	75	85	10	100
17	MP	80	80	0	0
18	MS	75	80	5	25
19	MP	85	75	10	100
20	NAP	80	80	0	0
21	NOK	80	80	0	0
22	N	85	75	10	100
23	NL	80	85	5	25
24	PA	85	75	10	100
25	RR	80	80	0	0
26	STA	75	85	10	100
27	TH	80	75	5	25
28	RS	85	85	0	0
29	TW	75	85	10	100
30	RH	80	80	0	0
Total					1250

To measure of two raters, the researcher used Spearman Rank-correlation which the formula can be described as follows:

$$r = 1 - \frac{6.\sum d^2}{N(N^2 - 1)}$$

$$r = 1 - \frac{6(1250)}{30(30^2 - 1)}$$

$$r = 1 - \frac{7500}{26970}$$

$$r = 1 - 0.2780868$$

$$r = 0.7219132$$

Note   :

r   : Coeffecient of rank correlation

d^2 ᛬ Square of differences of rank corellation

d   : Sum differences betweeen each pair of ranks

N   : Numbrt of Students