

Appendix 15**Inter – Rater Reliability of Pretest 1**

No	Students' Code	R1	R2	D	D²
1	AR	64	68	1	1
2	AK	64	68	1	1
3	AS	68	72	1	1
4	AKW	64	60	1	1
5	AN	64	64	0	0
6	CM	76	80	1	1
7	DLL	72	76	1	1
8	DK	64	60	1	1
9	DA	72	72	0	0
10	EAW	68	64	1	1
11	EF	68	72	1	1
12	EY	60	64	1	1
13	FCD	76	80	1	1
14	GM	72	76	1	1
15	IBS	68	64	1	1
16	IZS	80	80	0	0
17	KDV	64	64	0	0
18	KDJ	68	72	1	1
19	LZ	80	80	0	0
20	MMS	60	56	1	1
21	MR	84	80	1	1
22	NS	64	68	1	1
23	NZA	76	76	0	0
24	NA	68	72	1	1
25	NUFS	68	68	0	0
26	NW	60	64	1	1
27	OY	80	76	1	1
28	RSY	68	68	0	0
29	SID	72	80	1	1
30	SF	72	76	1	1
31	SH	56	56	0	0
Total		2140	2176	22	22

Reliability of Pretest 1

The statistical formula for counting the reliability is as follow:

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

$$R = 1 - \frac{6.22}{31(31 - 1)}$$

$$R = 1 - \frac{6.(484)}{31(961 - 1)}$$

$$R = 1 - \frac{2904}{31(960)}$$

$$R = 1 - \frac{2904}{29760}$$

$$R = 1 - 0.097$$

$$R = 0.90$$

(A very high reliability)

Where:

R : Reliability

N : Number of Students

D : The different of rank Correlation

1-6 : Constant Number

(Shohamy, 1985: 213) in Haryanti (2010: 39)