

**Appendix 16****Inter – Rater Reliability of Pretest 2**

<b>No</b>	<b>Students' Code</b>	<b>R1</b>	<b>R2</b>	<b>D</b>	<b>D<sup>2</sup></b>
1	AR	64	64	0	0
2	AK	68	72	1	1
3	AS	72	76	1	1
4	AKW	68	68	0	0
5	AN	72	68	1	1
6	CM	80	84	1	1
7	DLL	72	72	0	0
8	DK	68	60	1	1
9	DA	60	60	0	0
10	EAW	64	60	1	1
11	EF	72	80	1	1
12	EY	68	68	0	0
13	FCD	80	84	1	1
14	GM	80	76	1	1
15	IBS	60	60	0	0
16	IZS	72	80	1	1
17	KDV	68	64	1	1
18	KDJ	68	68	0	0
19	LZ	72	80	1	1
20	MMS	60	64	1	1
21	MR	68	76	1	1
22	NS	64	68	1	1
23	NZA	72	72	0	0
24	NA	60	60	0	0
25	NUFS	64	68	1	1
26	NW	64	68	1	1
27	OY	72	80	1	1
28	RSY	68	76	1	1
29	SID	76	76	0	0
30	SF	68	68	0	0
31	SH	60	60	0	0
Total		2124	2180	19	19

## Reliability of Pretest 2

The statistical formula for counting the reliability is as follow:

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

$$R = 1 - \frac{6.19}{31(31 - 1)}$$

$$R = 1 - \frac{6.(361)}{31(961 - 1)}$$

$$R = 1 - \frac{2166}{31(960)}$$

$$R = 1 - \frac{2166}{29760}$$

$$R = 1 - 0.073$$

$$R = 0.93$$

(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)