

APPENDIX 17**Reliability of Posttest 3**

The statistical formula is:

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

$$R = 1 - \frac{6.(756)}{35.(35^2 - 1)}$$

$$R = 1 - \frac{6.(756)}{35.(1225 - 1)}$$

$$R = 1 - \frac{6.(756)}{35.1224}$$

$$R = 1 - \frac{4536}{35.899}$$

$$R = 1 - \frac{4536}{42840}$$

$$R = 1 - 0.010$$

$$R = 0.89$$

R = Reliability

N = Number of students

D = The different of rank correlation

1-6 = Constant number

(Shohamy, 1985)

It means that this posttest has very high reliability

