

APPENDIX 16

Reliability of Posttest 2

The statistical formula is:

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

$$R = 1 - \frac{6.(610)}{35(35^2 - 1)}$$

$$R = 1 - \frac{6.(610)}{35.(1225 - 1)}$$

$$R = 1 - \frac{3660}{35.1224}$$

$$R = 1 - \frac{3660}{42840}$$

$$R = 1 - 0.085$$

$$R = 0.91$$

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