APPENDIX - VII

CALCULATIONS FOR RELIABILITY AND CONSTANCY

Subscale I : (Occupation) N = 38

$$r = \frac{xy}{x^2 \times y^2}$$

$$= \frac{2079}{5033 \times 2390}$$

$$= \frac{2079}{3467.5}$$

$$= .60$$

Coefficient of Stability $= (50)\ (2 - \frac{d^2}{})$

$$C = 50\ (2 - \frac{2361}{})$$

$$= 100 - 7 - 88$$

$$= 92$$

Subscale II : (School Subjects)

$$r = \frac{3127}{3 \times 31 \times 3316}$$

$$= \frac{3127}{3516.98}$$

$$= 0.88$$

$$C = 50\ (2 - \frac{2217}{38})$$

$$= 100 - 7.62$$

$$= 92$$

Subscale III : (Amusements)

$$r = \frac{2818}{4322 \times 2529}$$

$$= \frac{2818}{3305.4}$$

$$= 0.85$$

$$C = 50\ (2 - \frac{2332}{38})$$

$$= 100 - 7.79$$

$$= 92$$

Sub-scale IV : (Activities)

$$r = \frac{1759}{2691 \times 1717} = \frac{1754}{2148} = 0.82$$

$$C = 50 \left(2 - \frac{1878}{38}\right) = 100 - 7 = 93$$

Sub-scale V : (People)

$$r = \frac{962}{2553 \times 1102} = \frac{962}{1609.71} = 0.60$$

$$C = 50 \left(2 - \frac{2170}{38}\right) = 100 - 7.5 = 92.5$$

Sub-scale VI : (Preference over item)

$$r = \frac{2335}{3712 \times 2367} = \frac{2335}{2963} = 0.78$$

$$C = 50 \left(2 - \frac{2086}{38}\right) = 100 - 7.4 = 92.6$$

Sub-scale VII : (Personality)

$$r = \frac{929}{3730 \times 32} = \frac{929}{1193.6} = 0.77$$

$$C = 50 \times 2 \quad \frac{855}{38} = 100 - 4.7 = 95$$