APPENDIX A:

BACKGROUND INFORMATION QUESTIONNAIRE

1. NAME AND SURNAME: __________________________
2. AGE: ________
3. GENDER: ________
4. DID YOU QUALIFY AT A SOUTH AFRICAN UNIVERSITY? ________
   IF NOT, WHERE? __________
5. WHAT IS YOUR RELIGION? ______________________
6. MARITAL STATUS: ________________
7. NUMBER OF CHILDREN: ________________
8. OTHER EDUCATIONAL QUALIFICATIONS: ________________
9. ARE YOU EMPLOYED IN A RURAL OR URBAN HOSPITAL? ________
10. NAME OF HOSPITAL THAT YOU ARE EMPLOYED AT: ______________
11. HOW MANY HOURS DO YOU WORK PER WEEK?
    50 HOURS
    40-49 HOURS
    30-39 HOURS
    20-29 HOURS
    OTHER (SPECIFY: ____________ HOURS PER WEEK)
12. USING THE FOLLOWING SCALE, RATE THE EXTENT TO WHICH YOU RECEIVE
    SUPPORT FROM THE FOLLOWING SOURCES:
    LOW(1) MODERATE (2) HIGH (3)
    SPOUSE/PARTNER: ________
    FAMILY: ________
    FRIENDS: ________
    SUPERVISORS: ________
    PEERS/COLLEAGUES: ________
    HELPING PROFESSIONALS: ________
13. DO YOU FEEL THAT THE SOCIAL SUPPORT YOU RECEIVE FROM OTHERS, PLAY
    A CRUCIAL ROLE IN THE MANNER YOU COPED WITH DIFFICULT SITUATIONS?
    YES(____) NO(____)
14. EVALUATE YOUR UNDERGRADUATE TRAINING, INDICATING THE EXTENT TO
    WHICH IT HAS PREPARED YOU IN THE FOLLOWING AREAS:
    ADEQUATE (1) NOT ADEQUATE(2)
    ACADEMICALLY: ________
    PRACTICALLY: ________
    INTERPERSONALLY (relationship between yourself and others): ________
    INTRAPERSONALLY (self-development): ________
APPENDIX B

FORMULA FOR THE TRANSFORMATION OF SCORES

Let $\bar{X}^{\text{(new)}}$ stand for the new mean and $\bar{X}^{\text{(old)}}$ for the old mean.

Suppose the new variable $X^*$ is related to the old variable $x$ as follows:

$$X^* = aX + k$$

The formula for the mean is (sum of scores) / number of scores.

That is: mean of $X = \frac{\sum X}{n}$

Now the mean of $X^*$ is

$$\frac{\sum aX + k}{n} = \frac{a\sum X + \sum k}{n} = a\bar{X} + \frac{nk}{n} = a\bar{X} + k$$

The variance is given by $\sum\left(\frac{X - \bar{X}}{\left(X - \bar{X}\right)}\right)$ for variable $X$

So for $X^*$ we have

$$\sum\left(aX + k - (a\bar{X} + k)\right)\left(aX + k - (a\bar{X} + k)\right)$$

$$= \sum\left(aX - a\bar{X}\right)^2$$

$$= a^2 \times \sum\left(X - \bar{X}\right)^2$$

$$= a^2 \times \text{Variance of } X$$