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

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

$\mathbf{X}^* = a\mathbf{X} + k$

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 $\sum\left(X - \bar{X}\right)\left(X - \bar{X}\right)$ for variable **X**

So for $\mathbf{X}^*$ we have $\sum\left(aX + k - (a\bar{X} + k)\right)\left(aX + k - (a\bar{X} + k)\right)$

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

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

$= a^2$ x Variance of **X**