### APPENDIX 1 – QUESTIONNAIRE USDED IN THE SURVEY

### INSTRUCTIONS FOR QUESTIONNAIRE COMPLETION

Please refer to the instructions provided at the beginning of each of the sections throughout the questionnaire, read the instructions and each question carefully. When making your response please use a dark pen or pencil.

NB: I have used the abbreviation TB, instead of tuberculosis, throughout the question.

At the beginning of the questionnaire is a short section of biographical information that does not ask your name. Its completion is important for my statistical analysis of this questionnaire.

#### SECTION ONE: BIOGRAPHICAL INFORMATION

All respondents are requested to complete this section by ticking the appropriate blocks and responding in the spaces that are provided.

### 1.1 What is your gender?

| Male   | 1 |
|--------|---|
| Female | 2 |

### 1.2 What is your marital status?

| Married   | 1 |
|-----------|---|
| Unmarried | 2 |
| Divorced  | 3 |
| Single    | 4 |
| Widow/wer | 5 |

1.3 What is your age?

| 0-15  | 1 |
|-------|---|
| 16-3- | 2 |
| 31-45 | 3 |
| 46-60 | 4 |
| 61+   | 5 |

1.4 What is your racial group?

| Black    | 1 |
|----------|---|
| White    | 2 |
| Indian   | 3 |
| Coloured | 4 |

1.5 What is your language?

| Afrikaans       | 1 |
|-----------------|---|
| English         | 2 |
| Sesotho         | 3 |
| Sepedi          | 4 |
| Setswana        | 5 |
| IsiZulu         | 6 |
| IsiXhosa        | 7 |
| Other (Specify) | 8 |

### **SECTION TWO: GENERAL INFORMATION**

All respondents are requested to complete this section.

2.1 What is your highest qualification that you have completed and received credit for?

| Std 8 (Grade 10)  | 1 |
|-------------------|---|
| Std 9 (Grade 11)  | 2 |
| Std 10 (Grade 12) | 3 |
| Post-school       | 4 |

- 2.2 If a graduate, where did you graduate (institution)? .....
- 2.3 When did you graduate (Year)? .....

| 2.4 | What is your curren | position at the clinic? |
|-----|---------------------|-------------------------|
|     |                     |                         |

2.5 Please describe the kind of work you are doing in your current job at the clinic?

.....

2.6 How long have you been working at your current workplace?

| Less than 1 year | 1 |
|------------------|---|
| 1 year           | 2 |
| 2-3 years        | 3 |
| 4+ years         | 4 |

2.7 Are you?

| Working full-time | 1 |
|-------------------|---|
| Working part-time | 2 |

2.8 How many hours do you work per month on your current job at the clinic?

.....

2.9 Do you treat patients with TB?

| Yes | 1 |
|-----|---|
| No  | 2 |

2.10 How long have you been treating patients with TB?

| Less than 1 year | 1 |
|------------------|---|
| 1 year           | 2 |
| 2-3 years        | 3 |
| 4+ years         | 4 |

2.11 How often do you treat patients with TB?

| Daily            | 1 |
|------------------|---|
| Once a week      | 2 |
| 2-3 time a week  | 3 |
| 4-5 times a week | 4 |
| Fortnights       | 5 |
| Others (Specify) | 6 |

2.12 How would you describe the rate of TB in Qwa-Qwa?

| Increasing | 1 |
|------------|---|
| Constant   | 2 |
| Decreasing | 3 |

# SECTION THREE: BACKGROUND INFORMATION OF PATIENTS WITH TB

All respondents are requested to complete this section.

3.1 Please provide an estimate of the number of patients with TB that are seen per month. Tick the following:

| Less than 5 | 1 |
|-------------|---|
| 6-15        | 2 |
| 16-25       | 3 |
| 26-35       | 4 |
| 36-45       | 5 |
| 46-55       | 6 |
| 56+         | 7 |

3.2 What percentage (approximately) of your caseload is/was comprised of patients with TB at any one time?

| Less than 10% | 1  |
|---------------|----|
| 11-20%        | 2  |
| 21-30%        | 3  |
| 31-40%        | 4  |
| 41-50%        | 5  |
| 51-60%        | 6  |
| 61-70%        | 7  |
| 71-80%        | 8  |
| 81-90%        | 9  |
| 91-100%       | 10 |

3.3 What percentages of patients with TB you are currently seeing/have seen are?

| Male   | 1 |
|--------|---|
| Female | 2 |

3.4 What percentages of your patients with TB belong to the following age group?

|       | % |
|-------|---|
| 0-10  |   |
| 11-20 |   |
| 21-30 |   |
| 31-40 |   |
| 41-50 |   |
| 51+   |   |

3.5 What percentage of your patients with TB is able to be cured at the end of treatment?

| Less than 10% | 1  |
|---------------|----|
| 11-20%        | 2  |
| 21-30%        | 3  |
| 31-40%        | 4  |
| 41-50%        | 5  |
| 51-60%        | 6  |
| 61-70%        | 7  |
| 71-80%        | 8  |
| 81-90%        | 9  |
| 91-100%       | 10 |

# SECTION FOUR: THE PERCEPTIONS OF PRIMARY HEALTH CARE NURSES REGARDING THEIR KNOWLEDGE AND TRAINING IN TB TREATMENT

All respondents are requested to complete this section.

4.1 How would you describe your knowledge in the treatment of TB?

| None      | 1 |
|-----------|---|
| Limited   | 2 |
| Adequate  | 3 |
| Extensive | 4 |

4.2 Are you satisfied with your level of skills in the treatment of TB?

| Yes | 1 |
|-----|---|
| No  | 2 |

- 4.2.1. If no, why not?
- 4.3 Do you feel that you have adequately trained in the treatment of TB?

| Υe | es | 1 |
|----|----|---|
| No | )  | 2 |

- 4.3.1. If no, why not?
- 4.4 Do you feel that the knowledge and training you have received about TB has influenced whether you treat patients with TB or not?

| Yes | 1 |
|-----|---|
| No  | 2 |

| 4.4.1.   | If no, why not   | t?   |   |  |   |   |       |
|--|--|--|---|--|---|---|-------|
| 4.5  | Do you feel the adequately train   |  | ore information re                        | egarding TB tr                                   | eatment or y                                    | you feel that you   | ı are |
|  |  |  | Yes<br>No                                 | 1 2  |   |   |       |
| 4.5.1.   | If you need in   | nformation, in wh  | nat way/s?                                |  |   |   |       |
| 4.6  |  |  | have regarding t                          |  |   | nts (nursing) in  | the   |
|  |  |  | ONS AND ATT                               |  |   | HEALTH CA   | RE    |
| Please   | complete this  | section  |   |  |   |   |       |
| 5.1  | How do you fe  | eel about treating   | patients with TB                          | 3?   |   |   |       |
|  |  |  | At ease<br>Not at ease                    | 1 2  |   |   |       |
| 5.1.1.   | Why you thin   | k you feel this w  | ay?                                       |  |   |   |       |
| 5.2  | What have you  | ı learned about p  | atients with TB s                         | o far?   |   |   |       |
| 5.3  | What do you r  | eally think about  | the following?                            |  |   |   |       |
| 1. Stro  | ongly agree  | 2. Agree   | 3. Uncertain                              | 4. Disagree                                      | 5. Strongl                                      | y disagree  |       |
| <ul><li>5.3.2</li><li>5.3.3</li><li>5.3.4.</li></ul> | Great effort is<br>TB treatment s<br>through sympt<br>Current infecti<br>worker from T<br>Public funding | needed to improsphould provide particular and pain relation control measures. B. | ures are sufficient<br>ded to help care f | care for patien with the optimate to protect a h | ents.<br>ts with TB.<br>l comfort<br>ealth care | Circle a number 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 |       |

5.4 Do you know of any printed materials in your department that describes?

| Yes | 1 |
|-----|---|
| No  | 2 |

5.4.1. Protection procedures for nurses who treat patients with TB.

| Yes | 1 |
|-----|---|
| No  | 2 |

5.4.2. Authority to treat patients with TB.

| Yes | 1 |
|-----|---|
| No  | 2 |

5.4.3. Confidentiality of patients with TB.

| Yes | 1 |
|-----|---|
| No  | 2 |

5.5 What problems, if any have you experienced in your routine care of patients with TB?

| Limited resources of health care facilities (e.g. culture, X-rays) | 1 |
|--|---|
| Shortage of TB medication  | 2 |
| Fear of the consequences of contracting TB                         | 3 |
| Poor management of TB  | 4 |
| If other specify:  | 5 |

- 5.6 How do these problems affect your ability of care? .....
- 5.7 What does it say to you that you sometimes have to stand up to these problems?
  - .....
- 5.8 In what ways have you tried to control these things and what has been your success?
- 5.9 At what point will you decide to stop using your energy to control things that are beyond your
- control, and what will you do instead?
- 5.10 How does your relationship with TB patients change over the course of time as a result of these problems?.....
- 5.11 What specific issues/problems associated with TB should a primary health care nurse be concerned about in an occupational setting?

# SECTION SIX: THE ATTITUDES OF PRIMARY HEALTH CARE NURSES REGARDING THEIR SERVICE

Please complete this section.

This section is concerned with the views of primary health care nurses about their jobs and the patients they work with.

There are 22 statements of job related feelings. Please read each statement carefully and circle a number.

1=Never 2=Once in a while 3=Sometimes 4=Most of the time 5=All of the time

| 1. I feel emotionally drained from my work                                   | 1 | 2 | 3 | 4 | 5 |
|--|---|---|---|---|---|
| 2. I feel fatigued when I have to get up and have to face another day of the | 1 | 2 | 3 | 4 | 5 |
| work   |   |   |   |   |   |
| 3. I feel terrible if I have to work hard in my job                          | 1 | 2 | 3 | 4 | 5 |
| 4. I feel I treat some patients as if they are/were impersonal objects       | 1 | 2 | 3 | 4 | 5 |
| 5. I become angry at people over minor things since I took this job          | 1 | 2 | 3 | 4 | 5 |
| 6. Working will people all days is really a strenuous job for me             | 1 | 2 | 3 | 4 | 5 |
| 7. I feel that my patients have complete trust in me                         | 1 | 2 | 3 | 4 | 5 |
| 8. I deal very effectively with problems of my patients                      | 1 | 2 | 3 | 4 | 5 |
| 9. I am satisfied with my working conditions                                 | 1 | 2 | 3 | 4 | 5 |
| 10. I feel I am positively influencing other people's lives through my job   | 1 | 2 | 3 | 4 | 5 |
| 11. I get the encouragement I need in my work                                | 1 | 2 | 3 | 4 | 5 |
| 12. I feel that the support system in my work is satisfactory                | 1 | 2 | 3 | 4 | 5 |
| 13. I feel frustrated by my job  | 1 | 2 | 3 | 4 | 5 |
| 14. I am working harder than I am suppose to in my work                      | 1 | 2 | 3 | 4 | 5 |
| 15. I really do not care what happens to some patients                       | 1 | 2 | 3 | 4 | 5 |
| 16. I can easily create a relaxed atmosphere with my patients                | 1 | 2 | 3 | 4 | 5 |
| 17. I feel exhausted after working with my patients                          | 1 | 2 | 3 | 4 | 5 |
| 18. Working with people directly puts stress on me                           | 1 | 2 | 3 | 4 | 5 |
| 19. I have accomplished worthwhile things in my job                          | 1 | 2 | 3 | 4 | 5 |
| 20. In my work, I deal with emotional problems very calmly                   | 1 | 2 | 3 | 4 | 5 |
| 21. I feel patients blame me for their problems                              | 1 | 2 | 3 | 4 | 5 |
| 22. I feel energetic   | 1 | 2 | 3 | 4 | 5 |
| 23. I feel as if my attitude is very negative in my job                      | 1 | 2 | 3 | 4 | 5 |

# SECTION SEVEN: THE PERCEPTIONS OF PRIMARY HEALTH CARE NURSES REGARDING FACTORS THAT CAN IMPROVE TB PREVENTION

Please indicate with a tick in the spaces provided which of the following factors you perceive can improve TB prevention. (You may tick more than one block).

| 1.  | Training of voluntary villagers to provide simple health care                       |  |
|-----|---|--|
| 2.  | Health workers should give extensive information to patients                        |  |
| 3.  | Encouraging the use of helpful customs and beliefs, while respectfully discouraging |  |
|     | harmful ones  |  |
| 4.  | Improving the working conditions of the health care team                            |  |
| 5.  | Encouraging safe drinking water   |  |
| 6.  | Encouraging home visitation   |  |
| 7.  | Developing health worker commitment and training programme                          |  |
| 8.  | The use of local radio stations to broadcast health education information           |  |
| 9.  | Encouraging food production   |  |
| 10  | . Increase in income  |  |
| 11. | . Encourage nutrition education   |  |
| 12  | . Essential services for family planning  |  |
| 13  | . Tracing defaulters from services  |  |
| 14  | . Doing community search to find new patients                                       |  |

### **SECTION EIGHT: ADDITIONAL COMMNETS**

Would you please check that you have completed all sections, if you wish to add further comments, use the space that is provided below.

| Comment/s                             |  |
|---------------------------------------|--|
|                                       |  |
|                                       |  |
| Date questionnaire completed          |  |
|                                       |  |
| Γhank you for your kind co-operation. |  |

# APPENDIX 2

Geographical areas for health and welfare in Qwa-Qwa

(APPENDIX 2 NOT AVAILABLE)