

**APPENDIX – F**

**FIRST DRAFT OF THE QUESTIONNAIRE**

**QUESTIONNAIRE**

**A. GENERAL INFORMATION**

Name of the Student:

Name of the School:

Age:

Gender:

Religion:

**B. FAMILY BACKGROUND**

1) Type of family: Nuclear/Joint

2) Details about the family

**Members**

**Occupation**

**Salary/Income**

Father

Mother

Sister

Brother

Any other member staying in the family \_\_\_\_\_

**C. SCHOOL CAREER**

Pre-primary education:

(Place, name of the  
school, medium)

Primary:

(Place, name of the  
school, medium)

Number of schools changed, (if any):

**D. OUT-OF-SCHOOL ACTIVITIES INVOLVEMENT**

Sports; Athletics:

Games:

Any medals received:

Drama:

Music classes:

Dance classes:

Computer classes:

Agricultural activities:

Household activities:

Any other activity: \_\_\_\_\_

**E. STUDY HABITS**

1. Number of hours spent for studying Maths at home.
2. Do you study Maths by reading or writing or both?
3. While studying Maths do you all asleep ?  
Always/sometimes/never
4. Do you keep radio/TV on, while solving Maths problems  
Always/sometimes/never
5. After solving the Maths problems, do you check it with the text-book examples.  
Always/sometimes/never
6. Do you like to study Maths alone or with your friends?  
Alone/with friends
7. Are you happy while studying Maths or you are forcing yourself?  
Happy/forcing myself
8. Do you attend tuitions in Maths?  
Y / N
9. Do you study mathematics everyday ?  
Yes / No

**F. DIFFICULTIES AS PERCEIVED BY SS.**

1. When did you fail in mathematics for the first time ?  
Std. 5, Std. 6, Std. 7, Std. 8
2. How did you feel when you failed in mathematics?  
Bad/ashamed/angry/sad/nervous
3. Why do you think you failed in Maths?  
Did not study well/Did not understand/Do not like maths/  
Did not find time to study
4. What do you do when you fail?  
Cry/try to blame someone/share with others/neglect
5. Why do you think you do not understand mathematics?  
Language problem/not interesting/very difficult.
6. Which topics in maths do you feel are difficult for you?
7. Which topics do you like in maths?
8. Do you find it difficult to understand methods taught in the class?  
Y/N/Sometimes. Which topic
9. Do you ask anyone to help you in Maths? (*tick any one*)  
Y/N                      Whom \_\_\_\_\_
10. Do you think you have any different type of problem in learning mathematics?  
Y/N, if Y → What \_\_\_\_\_

11. Are you able to read the black board work clearly?  
Y/N
12. Are you able to hear the teacher properly?  
Y/N
13. Do you understand the explanations given by the teacher?  
Y/N
14. Do you discuss the problems with your teacher?  
Y/N
15. Do you feel ashamed or scared to go to the maths teacher ?  
Yes / No
16. Have you enjoyed solving maths problems ? Yes/ No

**G. CHANGES EXPECTED BY S. FOR BETTER UNDERSTANDING OF MATHS**

1. What change will help you to learn Mathematics better?  
Less syllabus/easy topics/more exercises.
2. What do you want teacher to do to help you in Mathematics?  
Teach slowly/explain more/repeat explanation/give easy examples/  
give more time to solve problems
3. Do you feel that topics of previous classes must be revised before  
starting new topics?  
Y/N                      Y → Which topics \_\_\_\_\_
4. During which period would you like to study Mathematics?  
1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> .....
5. How many periods do you feel are needed for Mathematics, in a  
week ?
6. What would you like your teacher to do, to help the Students who are  
weak in Mathematics?  
Correct mistakes/give revisions/give extra exercises/take extra classes
7. Would you like to find the correct answer yourself?  
Y/N
8. Would you like to solve the problems in your own method?  
Y/N
9. Would you like maths learning in the form of a game?  
Y/N
10. Would you like your mathematics teacher to correct your maths note  
book ?  
Yes / No

**H. ATTITUDE/INTEREST OF THE STUDENTS**

1. What do you like in your school?  
School building/playground/teachers/friends/headmaster/peons/  
games/library/music room/laboratory
2. Which subjects do you like?
3. Which subject/s teacher/s do you like?  
Why \_\_\_\_\_
4. How does Mathematics help in your daily life?

5. Do you remember any Maths teacher you liked?  
Name of the teacher \_\_\_\_\_
6. What do you like in that Maths teacher?
7. Do your friends like Maths?
8. Do your parents encourage you to learn Maths?  
Y/N
9. What do you like to read in the newspaper ?  
i)  
ii)
10. Which serials do you like to watch ?  
i)  
ii)
11. Do you like to solve puzzles ?  
Yes / No
12. Which languages do you like ?
13. Which language would you like in the school ?