

APPENDIX - H

FINAL VERSION OF THE QUESTIONNAIRE

Dear Students,

Kindly give the necessary information as directed. All the information provided will be kept confidential and used for research purpose.

HOME BACKGROUND & PERSONAL DETAILS QUESTIONNAIRE

A. PERSONAL DETAILS

Kindly supply the following information (Write in the space provided)

1. Your Name :
2. Name of your School :
3. Gender (Male/Female):
4. Age :
5. Languages Known : a) Spoken _____, _____
b) Spoken & Written _____, _____
6. Place of residence :
(Name fo the place only)

B. HOME BACKGROUND

Kindly write your response on the blank space provided against the items/questions. The items against which alternatives are given, kindly show your response by putting a 'X' in the bracket.

1. How many members are there in your family (including yourself) ? _____
2. Occupation of your Father.
Business Agriculture Teaching Bank Job Office Job
() () () () ()
Note: Please mention if your father's occupation is not mentioned here.
3. Occupation of your Mother.
Business Agriculture Teaching Bank Job Office Job
() () () () ()

House wife Tailoring
() ()
4. Are there any other earning members in your family ?
Yes () No ()

C. FACILITIES AVAILABLE AT HOME

Kindly show your responses by putting a 'X' in the bracket

1. Type of House
 - a. Cement house/ pucca house ()
 - b. Mud house/ Kuccha house ()

2. Is your house electrified ? Yes () No ()
3. Do you have a separate room for yourself ? Yes () No ()
If No, do you have a separate table to study ? Yes () No ()

D. DIFFICULTIES PERCEIVED BY THE STUDENT

a. Subject Related

- Kindly show your response by putting a 'X' in the bracket.
- Kindly write your response in the blank space provided against the items / questions.

1. Which of the topics given below are found to be difficult/ easy for you ?

Topics	Easy	Difficult
Brackets	()	()
Exponents	()	()
Identities	()	()
Negative Numbers	()	()
Fractions	()	()
Linear Equations	()	()
Word problems	()	()
Any other topic please mention		

2. Have you even failed in Mathematics ? Yes () No ()

If yes, i) How did you feel ?

ii) How did you feel ?

Ashamed	Angry	Sad	Nervous	Not bothered
()	()	()	()	()

iii) What are the reasons ?

Language Problem	Not able to remember	Not able to understand
()	()	()

3. Do you feel previous topics should be revised before teaching new topics ?

Yes () No ()

If yes, please indicate the topics.

Lem	Positive & Negative numbers	Exponents
()	()	()

If you want to mention any other topics, please mention

4. Do you feel the Mathematics text-book was difficult for you ?

Yes () No ()

If yes, please indicate the reasons.

Language	Difficult problems	Few solved problems
()	()	()

b. Teacher Related

- Kindly show your response by putting a 'X' in the bracket.
- Kindly write your response in the blank space provided against the items/ questions.

1. Do you think Mathematics teacher should give extra help to students weak in Mathematics ? Yes () No ()

If yes, please indicate the kind of help.

Teach slowly	Explain more	Repeat explanation
()	()	()

Give more examples	Give more time to solve	Use Konkani to Explain
()	()	()

2. Do you discuss your doubts in Mathematics with your teacher ?
Yes () No ()
 3. Do you understand the explanation given by the Mathematics teacher in the Class ?
Yes () No ()
 4. Does your Mathematics teacher give extra help to students weak in Mathematics ?
Yes () No ()
 5. Do you feel that the explanation given by the Mathematics teacher is generally sufficient ?
Yes () No ()
 6. Does your Mathematics teacher solve difficult problems in the Class ?
Yes () No ()
 7. Do you feel the homework given by the Mathematics teacher is difficult ?
Yes () No ()
 8. Does your Mathematics teacher encourage you to score high in Mathematics ?
Yes () No ()
- If yes, please mention, how ? _____

E. HOME AND STUDENT RELATED

- Kindly show your response by putting a 'X' in the bracket
- Kindly write your response in the blank space provided against the items/ questions.

1. Does any family member help you in studying Mathematics ?
Yes () No ()
2. Do your parents encourage you to score high in Mathematics ?
Yes () No ()
3. Do you get sufficient time at home to study Mathematics ?
Yes () No ()
If No, please mention the reason _____
4. Do you help your parents/ guardian in domestic work ?
Yes () No ()

If yes, i) Mention the work that you do _____

ii) Do you get sufficient time study ?

Yes () No ()

5. Do you feel tired when you study at home ? Yes () No ()

F. STUDY HABITS

- Kindly show your response by putting a 'X' in the bracket
- Kindly show your response in the blank space provided against the items/questions.

1. How many hours do you spent usually in studying Mathematics in a day ?
_____ hours

2. How do you study Mathematics at home ?

	Always	Sometimes	Never
Writing	()	()	()
Reading	()	()	()
Reading & Writing	()	()	()

3. How often do you keep TV on while studying Mathematics ?

Always	Sometimes	Never
()	()	()

4. How often do you check your method with the text-book of Classwork ?

Always	Sometimes	Never
()	()	()

5. Do you like to study Mathematics alone ?

Always	Sometimes	Never
()	()	()

6. Do you like to study Mathematics with friends ?

Always	Sometimes	Never
()	()	()

7. How do you feel when you study Mathematics ?

	Always	Sometimes	Never
Happy	()	()	()
Boring	()	()	()
Nervous	()	()	()
Sleepy	()	()	()

8. Do you attend tuition in Mathematics ? Yes () No ()

9. Do you ask doubts in Mathematics to your friend ?

Yes () No ()

10. Do you ask doubts in Mathematics to your Teacher ?

Yes () No ()

11. Do you rote memorize (learn by heart) Mathematics ?
 Yes () No ()
 If yes, please indicate the component from the following:
 Formulas Definition Methods Solving problems
 () () () ()
12. Do you read the Mathematics text-book ? Yes () No ()

G. CHANGES EXPECTED BY STUDENTS FOR BETTER UNDERSTANDING OF MATHS

- Kindly show your response by putting a 'X' in the bracket
 - Kindly write your response in the blank space provided against the items/questions.
1. During which period would you like to study Mathematics ?
 Morning Afternoon Evening
 () () ()
2. Do you feel that more periods must be allotted for Mathematics ?
 Yes () No ()
 If yes, How many _____
3. Do you like to find the correct answer yourself ?
 Yes () No ()
4. Would you like to solve the Mathematics problems by your own method ?
 Yes () No ()
5. Do you feel that the Mathematics text book must undergo change ?
 Yes () No ()
 If yes, Please mention the Changes _____
6. Do you feel that the teaching methods in Mathematics should change ?
 Yes () No ()
 If yes, Please mention the changes.
 i) _____
 ii) _____
 iii) _____
7. Do you think students weak in Mathematics should be given extra help ?
 Yes () No ()
 If yes, please mention the help _____
8. Do you think the homework given in Mathematics is not appropriate ?
 Yes () No ()
 If yes, Please mention the change _____
9. Do you feel the examination system is not suitable for students weak in Mathematics ?
 Yes () No ()
 If yes, Please indicate the change.
 i) They should be given more time ()

- ii) Easy questions ()
- iii) Less number of questions ()

10. Do you feel Mathematics should be explained in Konkani ?
Yes () No ()