APPENDIX-D

QUESTIONNAIRE FOR PUPILS

Name ................
Class ................
School ................
District ............

DIRECTIONS

1. Answer all the questions.
2. Ask if you need any kind of help.
3. The answer will be kept secret.
4. A circle (0) is given where "Yes/No" type of answer is necessary.
5. A ( ) (parenthesis) is given where you have to arrange items in order of their importance.

QUESTIONS

SECTION 'A'

A circle is given below at the end of the questions.
If your answer is 'Yes' give a \( \checkmark \) (tick mark) in the circle.
If your answer is 'No' give a \( \times \) (cross) in the circle.

\[ \text{i.e. Yes} = \checkmark \]
\[ \text{No} = \times \]

1. To learn Science -
   (a) I write. \( \times \)
   (b) I read. \( \times \)
   (c) I speak. \( \times \)
   (d) I hear. \( \times \)
   (e) I see. \( \times \)
   (f) I draw. \( \times \)
   (g) I experiment. \( \times \)
   (h) I go for excursion. \( \times \)
   (i) I make new things. \( \times \)

2. To learn Science I write the following -
   (a) Essay \( \times \)
   (b) Poem \( \times \)
   (c) Report \( \times \)
   (d) Answer \( \times \)
   (e) Story \( \times \)
3. To learn Science I read the following -
   (a) Novels
   (b) Stories
   (c) Dramas
   (d) Poems
   (e) Text-books
   (f) News-paper
   (g) Magazines
   (h) Teachers' Notes
   (i) Essay
   (j) One act play
   (k) Biographies
   (l) Other books

4. To learn Science I speak in the following occasions -
   (a) Lectures
   (b) Reading poems
   (c) Question Answer
   (d) Discussions
   (e) Seminars
   (f) Debating
   (g) Current problems

5. To learn Science I hear from -
   (a) Teachers
   (b) Class mates
   (c) Radios
   (d) Tape recorder
   (e) Gramophone
   (f) Orators

6. To learn Science I see the following -
   (a) Television
   (b) Pictures
   (c) Films
   (d) Slides
   (e) Photographs
   (f) Charts
   (g) Models
   (h) Specimens
   (i) Diagram
   (j) Exhibition
   (k) Fairs
   (l) Nature
   (m) Art gallery
   (n) Maps
   (o) Globe
   (p) Apparatus
   (q) Microscope
   (r) Telescope

7. To learn Science.
   (a) I travel during school hour.
   (b) I travel outside the school hour.
To learn Science I
(a) Picture
(b) Diagram
(c) Maps
(d) Coloured picture
(e) Sketch
(f) Charts

To learn Science -
(a) I arrange apparatus.
(b) I rectify errors of apparatus.
(c) I use apparatus.
(d) I use scale, watch, a balance etc.
(e) I take precaution to use apparatus and chemicals.
(f) I observe accurately.
(g) I make easy calculations.

To learn Science -
(a) I make charts and models.
(b) I repair instruments.
(c) I make some new things from useless things.
(d) I collect plants, animals, rocks, minerals etc.
(e) I preserve leaves, flowers, fruits, animals etc.
(f) I make simple instruments.

My teacher says that I shall get the following benefits to learn Science -
(a) I shall get a good job.
(b) I can understand the nature.
(c) I shall pass the examination.
(d) I shall be a good man.
(e) I shall enjoy my life.
(f) I shall be a successful man.
(g) I shall know facts.
(h) I shall be truthful.
(i) I shall think critically.

I know about the sky.
I appreciate the boons of science.
I can measure length and mass of a substance.
I know that the Earth is a planet, the moon is a satellite and the sun is a star.
I like to see the Sun, Moon and the stars.
I can use the simple instruments.
(g) I know about plants and the animals.
(h) I like to see the nature in all seasons.
(i) I can conserve the soil.
(j) I know about the anatomy of the human body.
(k) I like the truth.
(l) I can do simple experiments.
(m) I know that good food, good dress and good home are necessary for health.
(n) I never believe anything without proof.
(o) I take care of my body, food and home.
(p) I know that good health is maintained keeping the surrounding clean.
(q) I know about different crops.
(r) I like the nature.
(s) I take precaution at the time of doing experiment.
(t) I know about different weathers.
(u) I know about the natural environment.
(v) I appreciate the works of the scientists.
(w) I lead a disciplined life.
(x) I know the functioning of simple instruments.
(y) I have faith on cause-effect relationship.

13. I evaluate myself from -
   (a) examination scores 0
   (b) teachers' written comments 0
   (c) teachers' oral comments in the class 0
   (d) teachers' oral comments outside the class 0
   (e) teachers' stare 0

14. (a) Science has solved main problems of life. 0
    (b) My Science teacher teaches nicely. 0
    (c) My classmates read science attentively. 0
    (d) My school seems to be a science laboratory. 0
    (e) I know all information about science from my science text-books. 0
    (f) Science has freed man from diseases. 0
    (g) My Science Teacher behaves like a scientist. 0
    (h) My classmates help me in the learning of Science. 0
    (i) My school is a model of the natural environment. 0
    (j) My textbook helps me much to spend my leisure hour. 0

SECTION 'B'

Two questions are given below for you to arrange items in order of their importance. You write 1 in the parenthesis at the end of the item if you consider it to be first. You write 2 in the parenthesis at the end of the item if you consider it to be second. You write 3 in the parenthesis at the
end of the item if you consider it to be third. Likewise you have to write 4, 5, 6, 7 and 8.

Example:

First = (1)
Second = (2)
Third = (3)

Seventh = (7)
Eighth = (8)

15. Arrange the following six subjects in order of their importance.

(a) Mother Tongue
(b) Arithmetic
(c) English
(d) Social studies
(e) Science
(f) Drawing

16. Arrange the following items in order of their importance.

(a) The Sky and the Universe
(b) The Earth
(c) Force, Work, Energy and Machines
(d) Matter and its properties
(e) Plants
(f) Animals
(g) Human Body
(h) Health and Hygiene

17. Write the topics of your text books which you dislike.

Full signature of the Pupil
Date--