APPENDIX I

Name

Class

CREATIVITY TEST

INSTRUCTIONS

1. The activities in this booklet have been given with the purpose to see how quickly and imaginatively you can think.

2. Answer each question carefully.

3. There are no right or wrong responses to any of the questions.

4. Each question will have an instruction.

5. Do not turn to the next question until you are told to do so.
I. SEEING PROBLEMS TEST

Study carefully the instructions given below:

1. On page 3 of this booklet, you will find the names of three (3) objects. When these objects are used, they can give us a number of problems. Try to find out as many problems as you can think of.

2. You will be given 6 minutes to answer the question. You can use the time as you like; you are not bound to answer the first one first.

3. You will be told the time after every 2 minutes.

4. You are to begin only when told to commence.

5. Stop writing when it is announced "Time is Over".

6. Write your answer in the space provided, without disturbing your friends.

7. Clear any doubt you may have before the signal to start is given.

8. Follow the example given below.

Example

Object: Electric Iron

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Problems</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Needs electricity</td>
</tr>
<tr>
<td>2.</td>
<td>Causes burns</td>
</tr>
<tr>
<td>3.</td>
<td>Damages clothes</td>
</tr>
<tr>
<td>4.</td>
<td>Rusts easily</td>
</tr>
<tr>
<td>5.</td>
<td>Is expensive</td>
</tr>
<tr>
<td>6.</td>
<td>....................</td>
</tr>
<tr>
<td>7.</td>
<td>....................</td>
</tr>
<tr>
<td>8.</td>
<td>....................</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Object</td>
</tr>
<tr>
<td>--------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td></td>
<td>TV (Television)</td>
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<tr>
<td></td>
<td>Gunt</td>
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<tr>
<td></td>
<td>Thatched House</td>
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</tr>
</tbody>
</table>
II UNUSUAL USES TEST

Please read the following instruction carefully.

1. On the next page, you will find the names of common objects. These objects can be used in a number of ways. You may think of the size, shape and colour of the object in any way you wish. Try to write as many uses of the object as you can.

2. Try to think of uses that your friend may not have thought of. Be clear and precise in writing your answer.

3. The time given for answering the question is 12 minutes. You may use the time as you like. You will be informed about the time after every 4 minutes.

4. You are to begin only when told to commence.

5. Stop writing when it is announced "Time is Over".

6. Write your answer in the space provided, without disturbing your friends.

7. Clear any doubt that you may have before beginning.

8. Follow the example given below.

Example

Object: Pencil

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Use as a ruler</td>
</tr>
<tr>
<td>2.</td>
<td>Use to block holes</td>
</tr>
<tr>
<td>3.</td>
<td>Use to poke at things</td>
</tr>
<tr>
<td>4.</td>
<td>Use as a baton</td>
</tr>
<tr>
<td>5.</td>
<td>Use as a scratcher</td>
</tr>
<tr>
<td>6.</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td></td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Uses</td>
</tr>
<tr>
<td>--------</td>
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</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. **Object**: Bottle gourd

5. **Object**: Mizo basket

6. **Object**: Bamboo
III CONSEQUENCES TEST

Please study the instructions given below carefully.

1. On the 7 are written three impossible statements that may never happen in real life. Suppose the events expressed in these statements happen to occur all of a sudden, please write down the consequences you envisage to follow these events.

2. The time given for the activity is 6 minutes. You may make use of the time as you like. You will be told about the time after every 2 minutes.

3. You are to begin only when the signal to start is given.

4. Stop writing when it is announced "Time is Over".

5. Clear any doubt you may have before you begin.

6. Follow the example given below.

Example

Sentence: If all people became dumb

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>What may happen</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>There will be less noise</td>
</tr>
<tr>
<td>2.</td>
<td>Everyone will learn sign-language</td>
</tr>
<tr>
<td>3.</td>
<td>There will be no singing</td>
</tr>
<tr>
<td>4.</td>
<td>Telephone will be useless</td>
</tr>
<tr>
<td>5.</td>
<td>No cheering crowds at games</td>
</tr>
<tr>
<td>6.</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td></td>
</tr>
<tr>
<td>Sl. No.</td>
<td>What may happen</td>
</tr>
<tr>
<td>--------</td>
<td>----------------</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7. Sentences: If all the people started dancing .................

8. Sentences: If all the hills turned into plains ...........

9. Sentences: If it did not rain at all .............................
IV. MAKING THINGS MORE INTERESTING AND USEFUL.

Please study the instruction very carefully.

1. If you had the magic drum of Maurawkela (Mizo folk-tale) which will give you anything you may wish as you beat the drum; how will you make the following toys more interesting and attractive?

2. Write down in the space provided, all that you will add to make the toys more attractive.

3. You will be given 10 minutes for this activity, and you will be informed about the time after every 5 minutes.

4. Start writing only when the signal to commence is given.

5. Stop writing when it is announced "Time is Over".

6. Try to think of answers that your friends may not have thought of.
10. Billy-cart

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>How to make the billy-cart more interesting</th>
</tr>
</thead>
</table>

11. Toy propeller

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>How to make the toy-propeller more interesting</th>
</tr>
</thead>
</table>
V. SIMILARITIES TEST

Please study the instruction very carefully.

1. On page 11, two objects having various similarities and relations are given. Write down their similarities.

2. Try to think of and write as many peculiar connections as possible between the two objects.

3. The time given for this exercise is 8 minutes. You will be informed about the time after every 4 minutes.

4. You are to begin only when told to commence.

5. Clear any doubts you may have before answering.

6. Follow the example given below.

Example

Bee-hive and office

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Similarities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Both have a special house</td>
</tr>
<tr>
<td>2.</td>
<td>Both have workers</td>
</tr>
<tr>
<td>3.</td>
<td>Both have idlers</td>
</tr>
<tr>
<td>4.</td>
<td>Both have leader</td>
</tr>
<tr>
<td>5.</td>
<td>Both will not tolerate disturbance.</td>
</tr>
<tr>
<td>6.</td>
<td>......................................................</td>
</tr>
<tr>
<td>7.</td>
<td>......................................................</td>
</tr>
<tr>
<td>8.</td>
<td>......................................................</td>
</tr>
</tbody>
</table>
12. **Fish and Frog**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Similarities</th>
<th>Sl. No.</th>
<th>Similarities</th>
</tr>
</thead>
</table>

13. **Flower and Tree**

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Similarities</th>
<th>Sl. No.</th>
<th>Similarities</th>
</tr>
</thead>
</table>
Please study the instruction very carefully.

1. On the next page, there are two simple drawings. Using them, draw a complete picture and try to make it very interesting and original.

2. To show your power of imagination, try to produce a very interesting title for your picture. Write it down on the space given below the drawing.

3. Do not make a copy of any other drawings you might have seen. The originality and the interest that the picture arouses is far more important than its beauty or likeness.

4. The time given for this activity is 10 minutes. You will be informed about the time after every 5 minutes.

5. You are to begin only at the given signal.

6. Stop writing when the allotted time is over.

6. Follow the example given below.

Example

Title: Is there enough for everyone's need?
VII. PICTURE COMPLETION TEST

Please study the instruction very carefully.

1. On page 15, you will find two incomplete figures. Your task is to complete them in any way you like. Try to make the picture as interesting and unusual as possible. Think of a picture which you feel no one else would be able to make.

2. When you have completed your picture, give a title to it in the space provided for it. Try to make the title as interesting and novel as possible, which will show how imaginatively you can think.

3. You will be given 6 minutes to do this activity. The time will be announced after every 3 minutes.

4. Start only when the signal is given, and stop writing when the time is over.

5. Follow the example given below.

Example

Title: You are the light of the world
Title: A Mizo woman going to market.
VIII. CIRCLES TEST

Please study the following instruction carefully.

1. Using the following circles as base, try to draw as many pictures as you can within 5 minutes. There must be a circle in each of your drawing. You must add to the circle inside, outside, or both with a pencil.

2. Try to draw unusual figures which your friends may not have thought of.

3. If the figure is not clear, write the title next to it.

4. You are to begin only at the given signal, and stop drawing when 5 minutes are over.

18.
# Creativity Test (Scoring Sheet)

<table>
<thead>
<tr>
<th>Activity No.</th>
<th>Item No.</th>
<th>Fluency</th>
<th>Flexibility</th>
<th>Originality</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>2</td>
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<td>3</td>
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<tr>
<td>II</td>
<td>4</td>
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<td>5</td>
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<td>6</td>
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<td>III</td>
<td>7</td>
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<td>IV</td>
<td>10</td>
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<td>11</td>
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<td>V</td>
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<td><strong>Total</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Activity No.</th>
<th>Item No.</th>
<th>Elaboration</th>
<th>Originality</th>
<th>For Titles</th>
</tr>
</thead>
<tbody>
<tr>
<td>VI</td>
<td>14</td>
<td></td>
<td></td>
<td>Elaboration</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VII</td>
<td>16</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>17</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VIII</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

## Score Summary

<table>
<thead>
<tr>
<th></th>
<th>Fluency</th>
<th>Flexibility</th>
<th>Elaboration</th>
<th>Originality</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Verbal</strong></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td><strong>Non-Verbal</strong></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td><strong>Composite Creativity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PROCEDURE FOR SCORING

The scoring for the test was done in a systematic manner.

Fluency

In scoring for fluency, irrelevant responses and repetitions were deleted first. The remaining number of responses were counted and entered as the fluency score.

Flexibility

All responses belonging to the same approach thought on trend were considered as one category.

Originality

Uncommonness in responses, i.e., the responses given by less than 5 per cent of the students were scored for originality. All others were given no score. The relative weightage for originality scoring are as follows.

<table>
<thead>
<tr>
<th>Percent of Response</th>
<th>Originality Weightage</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1% to 0.99%</td>
<td>5</td>
</tr>
<tr>
<td>1.0% to 1.99%</td>
<td>4</td>
</tr>
<tr>
<td>2.0% to 2.99%</td>
<td>3</td>
</tr>
<tr>
<td>3.0% to 3.99%</td>
<td>2</td>
</tr>
<tr>
<td>5.0% and above</td>
<td>1</td>
</tr>
</tbody>
</table>

Elaboration

The non-verbal tests, i.e., activities VI, VII and VIII were considered for scores on the creativity factor-elaboration. The ability to add relevant and meaningful details to the
response to the figural stimulus was appraised. If the figure was not relevant and meaningful, it was ignored. The total elaboration score consisted of a score of 1 for the primary response plus one score each for all the additional details.

The Title

In scoring the title for elaboration, the primary response was identified first and all additional ideas were taken as elaborations. The essential response was given a score of 1 with one score for each additional idea. For instance "A Mizo youth returning home after community work" was rewarded for the number of ideas included in the title plus:

- one for Mizo youth
- one for returning home, and
- one for community work.

The title was evaluated for originality based on the following:

- names of the subjects like cat, dog, man, etc. - no score
- a descriptive title like "Mizo youth","clever jackal" - score of 1
- an imaginative title such as "A white elephant" - score of 2
- an abstract title which is beyond observation, but relevant and appropriate - a score of 3 (e.g., Jesus, who was crucified for sinners).
The scores for fluency, flexibility, originality, and elaboration on different activities obtained by students were added to obtain the total scores on the four components of creativity. The composite creativity score was calculated by converting the raw component scores into standard scores.
WHAT TO DO: Inside this booklet are some questions to see what attitudes and interests you have. There are no “right” and “wrong” answers because everyone has the right to his own views. To be able to get the best advice from your results, you will want to answer them exactly and truly.

If a separate “Answer Sheet” has not been given to you, turn this booklet over and tear off the Answer Sheet on the back page.

Write your name and all other information asked for on the top line of the Answer Sheet.

First you should answer the four sample questions below so that you can see whether you need to ask anything before starting. Although you are to read the questions in this booklet, you must record your answers on the answer sheet (alongside the same number as in the booklet).

There are three possible answers to each question. Read the following examples and mark your answers at the top of your answer sheet where it says “Examples.” Fill in the left-hand box if your answer choice is the “a” answer, in the middle box if your answer choice is the “b” answer, and in the right-hand box if you choose the “c” answer.

EXAMPLES:

1. I like to watch team games.
   a. yes,  b. occasionally,  c. no.

2. I prefer people who:
   a. are reserved,  b. (are) in between,  c. make friends quickly.

3. Money cannot bring happiness.
   a. yes (true),  b. in between,  c. no (false).

4. A kitten is to a cat as a dog is to:
   a. kitten,  b. dog,  c. boy.

In the last example there is a right answer—kitten. But there are very few such reasoning items.

Ask now if anything is not clear. The examiner will tell you in a moment to turn the page and start.

When you answer, keep these four points in mind:

1. You are asked not to spend time pondering. Give the first, natural answer as it comes to you. Of course, the questions are too short to give you all the particulars you would sometimes like to have. For instance, the above question asks you about “team games” and you might be fonder of football than basketball. But you are to reply “for the average game,” or to strike an average in situations of the kind stated. Give the best answer you can at a rate not slower than five or six a minute. You should finish in a little more than half an hour.

2. Try not to fall back on the middle, “uncertain” answers except when the answer at either end is really impossible for you—perhaps once every four or five questions.

3. Be sure not to skip anything, but answer every question, somehow. Some may not apply to you very well, but give your best guess. Some may seem personal; but remember that the answer sheets are kept confidential and cannot be scored without a special stencil key. Answers to particular questions are not inspected.

4. Answer as honestly as possible what is true of you. Do not merely mark what seems “the right thing to say” to impress the examiner.
1. I have the instructions for this test clearly in mind.
   a. yes,  b. uncertain,  c. no.

2. I am ready to answer each question as truthfully as possible.
   a. yes,  b. uncertain,  c. no.

3. I would rather have a house:
   a. in a sociable suburb,
   b. in between,
   c. alone in the deep woods.

4. I can find enough energy to face my difficulties.
   a. always,  b. generally,  c. seldom.

5. I feel a bit nervous of wild animals even when they are in strong cages.
   a. yes (true),  b. uncertain,  c. no (false).

6. I hold back from criticizing people and their ideas.
   a. yes,  b. sometimes,  c. no.

7. I make smart, sarcastic remarks to people if I think they deserve it.
   a. generally,  b. sometimes,  c. never.

8. I prefer semiclassical music to popular tunes.
   a. true,  b. uncertain,  c. false.

9. If I saw two neighbors’ children fighting, I would:
   a. leave them to settle it,
   b. uncertain,
   c. reason with them.

10. On social occasions I:
    a. readily come forward,
    b. in between,
    c. prefer to stay quietly in the background.

11. It would be more interesting to be:
    a. a construction engineer,
    b. uncertain,
    c. a writer of plays.

12. I would rather stop in the street to watch
    an artist painting than listen to some people
    having a quarrel.
    a. true,  b. uncertain,  c. false.

13. I can generally put up with conceited people,
    even though they brag or show they think
    too well of themselves.
    a. yes,  b. in between,  c. no.

14. You can almost always notice on a man’s face
    when he is dishonest.
    a. yes,  b. in between,  c. no.

15. It would be good for everyone if vacations (holidays) were longer and everyone had to take them.
    a. agree,  b. uncertain,  c. disagree.

16. I would rather take the gamble of a job with
    possibly large but uneven earnings, than one
    with a steady, small salary.
    a. yes,  b. uncertain,  c. no.

17. I talk about my feelings:
    a. only if necessary,
    b. in between,
    c. readily, whenever I have a chance.

18. Once in a while I have a sense of vague danger or sudden dread for reasons that I do not understand.
    a. yes,  b. in between,  c. no.

19. When criticized wrongly for something I did
    not do, I:
    a. have no feeling of guilt,
    b. in between,
    c. still feel a bit guilty.

20. Money can buy almost everything.
    a. yes,  b. uncertain,  c. no.

21. My decisions are governed more by my:
    a. heart,
    b. feelings and reason equally,
    c. head.

22. Most people would be happier if they lived
    more with their fellows and did the same
    things as others.
    a. yes,  b. in between,  c. no.

23. Occasionally get puzzled, when looking in a
    mirror, as to which is my right and left.
    a. true,  b. uncertain,  c. false.

24. When talking, I like:
    a. to say things, just as they occur to me,
    b. in between,
    c. to get my thoughts well organized first.

25. When something really makes me furious, I
    find I calm down again quite quickly.
    a. yes,  b. in between,  c. no.

(End, column I on answer sheet.)
26. With the same hours and pay, it would be more interesting to be:
   a. a carpenter or cook,
   b. uncertain,
   c. a waiter in a good restaurant.

27. I have been elected to:
   a. only a few offices,
   b. several,
   c. many offices.

28. “Spade” is to “dig” as “knife” is to:
   a. sharp,  b. cut,  c. point.

29. I sometimes can’t get to sleep because an idea keeps running through my mind.
   a. true,  b. uncertain,  c. false.

30. In my personal life I reach the goals I set, almost all the time.
   a. true,  b. uncertain,  c. false.

31. An out-dated law should be changed:
   a. only after considerable discussion,
   b. in between,
   c. promptly.

32. I am uncomfortable when I work on a project requiring quick action affecting others.
   a. true,  b. in between,  c. false.

33. Most of the people I know would rate me as an amusing talker.
   a. yes,  b. uncertain,  c. no.

34. When I see “sloppy,” untidy people, I:
   a. just accept it,
   b. in between,
   c. get disgusted and annoyed.

35. I get slightly embarrassed if I suddenly become the focus of attention in a social group.
   a. yes,  b. in between,  c. no.

36. I am always glad to join a large gathering, for example, a party, dance, or public meeting.
   a. yes,  b. in between,  c. no.

37. In school I preferred (or prefer):
   a. music,
   b. uncertain,
   c. handwork and crafts.

38. When I have been put in charge of something, I insist that my instructions are followed or else I resign.
   a. yes,  b. sometimes,  c. no.

39. For parents, it is more important to:
   a. help their children develop their affections,
   b. in between,
   c. teach their children how to control emotions.

40. In a group task I would rather:
   a. try to improve arrangements,
   b. in between,
   c. keep the records and see that rules are followed.

41. I feel a need every now and then to engage in a tough physical activity.
   a. yes,  b. in between,  c. no.

42. I would rather mix with polite people than rough, rebellious individuals.
   a. yes,  b. in between,  c. no.

43. I feel terribly dejected when people criticize me in a group.
   a. true,  b. in between,  c. false.

44. If I am called in by my boss, I:
   a. make it a chance to ask for something I want,
   b. in between,
   c. fear I’ve done something wrong.

45. What this world needs is:
   a. more steady and “solid” citizens,
   b. uncertain,
   c. more “idealisists” with plans for a better world.

46. I am always keenly aware of attempts at propaganda in things I read.
   a. yes,  b. uncertain,  c. no.

47. As a teenager, I joined in school sports:
   a. occasionally,
   b. fairly often,
   c. a great deal.

48. I keep my room well organized, with things in known places almost all the time.
   a. yes,  b. in between,  c. no.

49. I sometimes get in a state of tension and turmoil as I think of the day’s happenings.
   a. yes,  b. in between,  c. no.

50. I sometimes doubt whether people I am talking to are really interested in what I am saying.
   a. yes,  b. in between,  c. no.

(End, column 2 on answer sheet.)
51. If I had to choose, I would rather be:  
   a. a forester,  
   b. uncertain,  
   c. a high school teacher.

52. For special holidays and birthdays, I:  
   a. like to give personal presents,  
   b. uncertain,  
   c. feel that buying presents is a bit of a nuisance.

53. "Tired" is to "work" as "proud" is to:  
   a. smile,  
   b. success,  
   c. happy.

54. Which of the following items is different in kind from the others?  
   a. candle,  
   b. moon,  
   c. electric light.

55. I have been let down by my friends:  
   a. hardly ever,  
   b. occasionally,  
   c. quite a lot.

56. I have some characteristics in which I feel definitely superior to most people.  
   a. yes,  
   b. uncertain,  
   c. no.

57. When I get upset, I try hard to hide my feelings from others.  
   a. true,  
   b. in between,  
   c. false.

58. I like to go out to a show or entertainment:  
   a. more than once a week (more than average),  
   b. about once a week (average),  
   c. less than once a week (less than average).

59. I think that plenty of freedom is more important than good manners and respect for the law.  
   a. true,  
   b. uncertain,  
   c. false.

60. I tend to keep quiet in the presence of senior persons (people of greater experience, age, or rank).  
   a. yes,  
   b. in between,  
   c. no.

61. I find it hard to address or recite to a large group.  
   a. yes,  
   b. in between,  
   c. no.

62. I have a good sense of direction (find it easy to tell which is North, South, East, or West) when in a strange place.  
   a. yes,  
   b. in between,  
   c. no.

63. If someone got mad at me, I would:  
   a. try to calm him down,  
   b. uncertain,  
   c. get irritated.

64. When I read an unfair magazine article, I am more inclined to forget it than to feel like "hitting back."  
   a. true,  
   b. uncertain,  
   c. false.

65. My memory tends to drop a lot of unimportant, trivial things, for example, names of streets or stores in town.  
   a. yes,  
   b. in between,  
   c. no.

66. I could enjoy the life of an animal doctor, handling disease and surgery of animals.  
   a. yes,  
   b. in between,  
   c. no.

67. I eat my food with gusto, not always so carefully and properly as some people.  
   a. true,  
   b. uncertain,  
   c. false.

68. There are times when I don't feel in the right mood to see anyone.  
   a. very rarely,  
   b. in between,  
   c. quite often.

69. People sometimes warn me that I show my excitement in voice and manner too obviously.  
   a. yes,  
   b. in between,  
   c. no.

70. As a teenager, if I differed in opinion from my parents, I usually:  
   a. kept my own opinion,  
   b. in between,  
   c. accepted their authority.

71. I would prefer to have an office of my own, not sharing it with another person.  
   a. yes,  
   b. uncertain,  
   c. no.

72. I would rather enjoy life quietly in my own way than be admired for my achievements.  
   a. true,  
   b. uncertain,  
   c. false.

73. I feel mature in most things.  
   a. true,  
   b. uncertain,  
   c. false.

74. I find myself upset rather than helped by the kind of criticism that many people offer one.  
   a. often,  
   b. occasionally,  
   c. never.

75. I am always able to keep the expression of my feelings under exact control.  
   a. yes,  
   b. in between,  
   c. no.

   (End, column 3 on answer sheet.)
76. In starting a useful invention, I would prefer:
   a. working on it in the laboratory,
   b. uncertain,
   c. selling it to people.

77. "Surprise" is to "strange" as "fear" is to:
   a. brave, b. anxious, c. terrible.

78. Which of the following fractions is not in the same class as the others?
   a. 3/7, b. 3/9, c. 3/11.

79. Some people seem to ignore or avoid me, although I don't know why.
   a. true, b. uncertain, c. false.

80. People treat me less reasonably than my good intentions deserve.
   a. often, b. occasionally, c. never.

81. The use of foul language, even when it is not in a mixed group of men and women, still disgusts me.
   a. yes, b. in between, c. no.

82. I have decidedly fewer friends than most people.
   a. yes, b. in between, c. no.

83. I would hate to be where there wouldn't be a lot of people to talk to.
   a. true, b. uncertain, c. false.

84. People sometimes call me careless, even though they think I'm a likable person.
   a. yes, b. in between, c. no.

85. "Stage-fright" in various social situations is something I have experienced:
   a. quite often, b. occasionally, c. hardly ever.

86. When I am in a small group, I am content to sit back and let others do most of the talking.
   a. yes, b. in between, c. no.

87. I prefer reading:
   a. a realistic account of military or political battles,
   b. uncertain,
   c. a sensitive, imaginative novel.

88. When bossy people try to "push me around," I do just the opposite of what they wish.
   a. yes, b. in between, c. no.

89. Business superiors or members of my family, as a rule, find fault with me only when there is real cause.
   a. true, b. in between, c. false.

90. In streets or stores, I dislike the way some persons stare at people.
   a. yes, b. in between, c. no.

91. On a long journey, I would prefer to:
   a. read something profound, but interesting,
   b. uncertain,
   c. pass the time talking casually with a fellow passenger.

92. In a situation which may become dangerous, I believe in making a fuss and speaking up even if calmness and politeness are lost.
   a. yes, b. in between, c. no.

93. If acquaintances treat me badly and show they dislike me:
   a. it doesn't upset me a bit,
   b. in between,
   c. I tend to get downhearted.

94. I find it embarrassing to have praise or compliments bestowed on me.
   a. yes, b. in between, c. no.

95. I would rather have a job with:
   a. a fixed, certain salary,
   b. in between,
   c. a larger salary, which depended on my constantly persuading people I am worth it.

96. To keep informed, I like:
   a. to discuss issues with people,
   b. in between,
   c. to rely on the actual news reports.

97. I like to take an active part in social affairs, committee work, etc.
   a. yes, b. in between, c. no.

98. In carrying out a task, I am not satisfied unless even the minor details are given close attention.
   a. true, b. in between, c. false.

99. Quite small setbacks occasionally irritate me too much.
   a. yes, b. in between, c. no.

100. I am always a sound sleeper, never walking or talking in my sleep.
    a. yes, b. in between, c. no.

(End, column 4 on answer sheet.)
101. It would be more interesting to work in a business:
   a. talking to customers,
   b. in between,
   c. keeping office accounts and records.

102. “Size” is to “length” as “dishonest” is to:
   a. prison,  b. sin,  c. stealing.

103. AB is to dc as SR is to:
   a. qp,  b. pq,  c. tu.

104. When people are unreasonable, I just:
   a. keep quiet,
   b. uncertain,
   c. despise them.

105. If people talk loudly while I am listening to music, I:
   a. keep my mind on the music and not be bothered,
   b. in between,
   c. find it spoils my enjoyment and annoys me.

106. I think I am better described as:
   a. polite and quiet,
   b. in between,
   c. forceful.

107. I attend social functions only when I have to, and stay away any other time.
   a. yes,  b. uncertain,  c. no.

108. To be cautious and expect little is better than to be happy at heart, always expecting success.
   a. true,  b. uncertain,  c. false.

109. In thinking of difficulties in my work, I:
   a. try to plan ahead, before I meet them,
   b. in between,
   c. assume I can handle them when they come.

110. I find it easy to mingle among people at a social gathering.
    a. true,  b. uncertain,  c. false.

111. When a bit of diplomacy and persuasion are needed to get people moving, I am generally the one asked to do it.
    a. yes,  b. in between,  c. no.

112. It would be more interesting to be:
    a. a guidance worker helping young people find jobs,
    b. uncertain,
    c. a manager in efficiency engineering.

113. If I am quite sure that a person is unjust or behaving selfishly, I show him up, even if it takes some trouble.
    a. yes,  b. in between,  c. no.

114. I sometimes make foolish remarks in fun, just to surprise people and see what they will say.
    a. yes,  b. in between,  c. no.

115. I would enjoy being a newspaper writer on drama, concerts, opera, etc.
    a. yes,  b. uncertain,  c. no.

116. I never feel the urge to doodle and fidget when kept sitting still at a meeting.
    a. true,  b. uncertain,  c. false.

117. If someone tells me something which I know is wrong, I am more likely to say to myself:
    a. “He is a liar,”
    b. in between,
    c. “Apparently he is misinformed.”

118. I feel some punishment is coming to me even when I have done nothing wrong.
    a. often,  b. occasionally,  c. never.

119. The idea that sickness comes as much from mental as physical causes is much exaggerated.
    a. yes,  b. in between,  c. no.

120. The pomp and splendor of any big state ceremony are things which should be preserved.
    a. yes,  b. in between,  c. no.

121. It bothers me if people think I am being too unconventional or odd.
    a. a lot,  b. somewhat,  c. not at all.

122. In constructing something I would rather work:
    a. with a committee,
    b. uncertain,
    c. on my own.

123. I have periods when it’s hard to stop a mood of self-pity.
    a. often,  b. occasionally,  c. never.

124. Often I get angry with people too quickly.
    a. yes,  b. in between,  c. no.

125. I can always change old habits without difficulty and without slipping back.
    a. yes,  b. in between,  c. no.

(End, column 5 on answer sheet.)
126. If the earnings were the same, I would rather be:  
   a. a lawyer,  
   b. uncertain,  
   c. a navigator or pilot.
127. “Better” is to “worst” as “slower” is to:  
   a. fast,  
   b. best,  
   c. quickest.
128. Which of the following should come next at the end of this row of letters: xo000xx000xx?  
   a. oxxx,  
   b. oxxx,  
   c. xo000.
129. When the time comes for something I have planned and looked forward to, I occasionally do not feel up to going.  
   a. true,  
   b. in between,  
   c. false.
130. I can work carefully on most things without being bothered by people making a lot of noise around me.  
   a. yes,  
   b. in between,  
   c. no.
131. I occasionally tell strangers things that seem to me important, regardless of whether they ask about them.  
   a. yes,  
   b. in between,  
   c. no.
132. I spend much of my spare time talking with friends about social events enjoyed in the past.  
   a. yes,  
   b. in between,  
   c. no.
133. I enjoy doing “daring,” foolhardy things “just for fun.”  
   a. yes,  
   b. in between,  
   c. no.
134. I find the sight of an untidy room very annoying.  
   a. yes,  
   b. in between,  
   c. no.
135. I consider myself a very sociable, outgoing person.  
   a. yes,  
   b. in between,  
   c. no.
136. In social contacts I:  
   a. show my emotions as I wish,  
   b. in between,  
   c. keep my emotions to myself.
137. I enjoy music that is:  
   a. light, dry, and brisk,  
   b. in between,  
   c. emotional and sentimental.
138. I admire the beauty of a poem more than that of a well-made gun.  
   a. yes,  
   b. uncertain,  
   c. no.
139. If a good remark of mine is passed by, I:  
   a. let it go,  
   b. in between,  
   c. give people a chance to hear it again.
140. I would like to work as a probation officer with criminals on parole.  
   a. yes,  
   b. in between,  
   c. no.
141. One should be careful about mixing with all kinds of strangers, since there are dangers of infection and so on.  
   a. yes,  
   b. uncertain,  
   c. no.
142. In traveling abroad, I would rather go on an expertly conducted tour than plan by myself the places I wish to visit.  
   a. yes,  
   b. uncertain,  
   c. no.
143. I am properly regarded as only a plodding, half-successful person.  
   a. yes,  
   b. uncertain,  
   c. no.
144. If people take advantage of my friendliness, I do not resent it and I soon forget.  
   a. true,  
   b. uncertain,  
   c. false.
145. If a heated argument developed between other members taking part in a group discussion, I would:  
   a. like to see a “winner,”  
   b. in between,  
   c. wish that it would be smoothed over.
146. I like to do my planning alone, without interruptions and suggestions from others.  
   a. yes,  
   b. in between,  
   c. no.
147. I sometimes let my actions get swayed by feelings of jealousy.  
   a. yes,  
   b. in between,  
   c. no.
148. I believe firmly “the boss may not always be right, but he always has the right to be boss.”  
   a. yes,  
   b. uncertain,  
   c. no.
149. I get tense as I think of all the things lying ahead of me.  
   a. yes,  
   b. sometimes,  
   c. no.
150. If people shout suggestions when I'm playing a game, it doesn't upset me.  
   a. true,  
   b. uncertain,  
   c. false.

(End, column 6 on answer sheet.)
151. It would be more interesting to be:
   a. an artist,
   b. uncertain,
   c. a secretary running a club.

152. Which of the following words does not properly belong with the others?
   a. any,   b. some,  c. most.

153. "Flame" is to "heat" as "rose" is to:
   a. thorn,  b. red petals,  c. scent.

154. I have vivid dreams, disturbing my sleep.
   a. often,  b. occasionally,  c. practically never.

155. If the odds are really against something's being a success, I still believe in taking the risk.
   a. yes,  b. in between,  c. no.

156. I like it when I know so well what the group has to do that I naturally become the one in command.
   a. yes,  b. in between,  c. no.

157. I would rather dress with quiet correctness than with eye-catching personal style.
   a. true,  b. uncertain,  c. false.

158. An evening with a quiet hobby appeals to me more than a lively party.
   a. true,  b. uncertain,  c. false.

159. I close my mind to well-meant suggestions of others, even though I know I shouldn't.
   a. occasionally,  b. hardly ever,  c. never.

160. I always make it a point in deciding anything, to refer to basic rules of right and wrong.
   a. yes,  b. in between,  c. no.

161. I somewhat dislike having a group watch me at work.
   a. yes,  b. in between,  c. no.

162. Because it is not always possible to get things done by gradual, reasonable methods, it is sometimes necessary to use force.
   a. true,  b. in between,  c. false.

163. In school I preferred (or prefer):
   a. English,
   b. uncertain,
   c. mathematics or arithmetic.

164. I have sometimes been troubled by people's saying bad things about me behind my back, with no grounds at all.
   a. yes,  b. uncertain,  c. no.

165. Talk with ordinary, habit-bound, conventional people:
   a. is often quite interesting and has a lot to it,
   b. in between,
   c. annoys me because it deals with trifles and lacks depth.

166. Some things make me so angry that I find it best not to speak.
   a. yes,  b. in between,  c. no.

167. In education, it is more important to:
   a. give the child enough affection,
   b. in between,
   c. have the child learn desirable habits and attitudes.

168. People regard me as a solid, undisturbed person, unmoved by ups and downs in circumstances.
   a. yes,  b. in between,  c. no.

169. I think society should let reason lead it to new customs and throw aside old habits or mere traditions.
   a. yes,  b. in between,  c. no.

170. I think it is more important in the modern world to solve:
   a. the question of moral purpose,
   b. uncertain,
   c. the political difficulties.

171. I learn better by:
   a. reading a well-written book,
   b. in between,
   c. joining a group discussion.

172. I like to go my own way instead of acting on approved rules.
   a. true,  b. uncertain,  c. false.

173. I like to wait till I am sure that what I am saying is correct, before I put forth an argument.
   a. always,
   b. generally,
   c. only if it's practicable.

174. Small things sometimes "get on my nerves" unbearably, though I realize they are trivial.
   a. yes,  b. in between,  c. no.

175. I don't often say things on the spur of the moment that I greatly regret.
   a. true,  b. uncertain,  c. false.

(End, column 7 on answer sheet.)
176. If asked to work with a charity drive, I would
   a. accept,
   b. uncertain,
   c. politely say I'm too busy.

177. Which of the following words does not belong
   with the others?
   a. wide,  b. zigzag,  c. straight

178. “Soon” is to “never” as “near” is to
   a. nowhere,  b. far,  c. away.

179. If I make an awkward social mistake, I can
   soon forget it.
   a. yes,  b. in between,  c. no.

180. I am known as an “idea man” who almost
    always puts forward some ideas on a problem.
    a. yes,  b. in between,  c. no.

181. I think I am better at showing
    a. nerve in meeting challenges,
    b. uncertain,
    c. tolerance of other people's wishes.

182. I am considered a very enthusiastic person.
    a. yes,  b. in between,  c. no.

183. I like a job that offers change, variety, and
    travel, even if it involves some danger.
    a. yes,  b. in between,  c. no.

184. I am a fairly strict person, insisting on always
    doing things as correctly as possible.
    a. true,  b. in between,  c. false.

185. I enjoy work that requires conscientious, ex-
    acting skills.
    a. yes,  b. in between,  c. no.

186. I'm the energetic type who keeps busy.
    a. yes,  b. uncertain,  c. no.

187. I am sure there are no questions that I have
    skipped or failed to answer properly.
    a. yes,  b. uncertain,  c. no.

(End of test.)
# ANSWER SHEET: THE 16 P. F. TEST, FORM A

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<th>EXAMPLES</th>
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| 1. I like to watch team games.  
   a. yes, b. occasionally, c. no. |
| 2. I prefer people who:  
   a. are reserved,  
   b. are in between,  
   c. make friends quickly, |
| 3. Money cannot bring happiness.  
   a. yes (true),  
   b. in between,  
   c. no (false), |
| 4. Woman is to child as cat is to:  
   a. kitten, b. dog, c. boy, |

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(Write M or F) (Nearest Year)

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FILL IN THE BOX COMPLETELY. ERASE ENTIRELY ANY ANSWER YOU WISH TO CHANGE.

END OF TEST

Do not write here.

NORMS USED:
- A
- B
- A + B
- F
- M
- Q
- Q
- Q
- Q
- Q

APPENDIX III

NORTH-EASTERN HILL UNIVERSITY
DEPARTMENT OF EDUCATION
SHILLONG

PROBLEM SOLVING ABILITY TEST (PSAT)

Directions

This test consists of 20 items. In your daily life you may come across certain problems of varied nature. This test aims at knowing your reactions toward various activities useful in finding solutions to such problems. Each problem in the test is provided with four possible solutions, marked by letter a, b, c and d. You are required to read each item carefully and then decide what your first reaction to it is. Encircle the letter corresponding to correct reaction against the corresponding question number in the answer sheet provided for marking answer.

Example

There is a widespread of malarial disease in our state now a days, and many people have lost their lives because of this disease. To safeguard yourself and your family from this dreadful disease, you want to eradicate the insect which is responsible for this disease. Read the list of insects below. Which one will you eradicate?
(a) house-fly.
(b) male anopheles.
(c) female anopheles.
(d) bed bug.

1. While playing in your college field, a dog comes and bites one of your playmates. What would be your first reaction to help him?
   (a) I will chase the dog.
   (b) I will call a doctor.
   (c) I will suggest taking him to the hospital.
   (d) I will give him first aid.

2. While trying to peel pineapple, you find that your kitchen knife gets rusted. What will you do to prevent rusting of your other knives which do not yet get rusted?
   (a) I will wash them nicely with water.
   (b) I will oil and then store them like that.
   (c) I will paint them.
   (d) I will wash them with hot water occasionally.

3. Your younger brother drinks kerosene oil from the bottle by mistake, thinking that it is filtered water. What will you do first to help him in this situation?
   (a) I will make him drink plenty of pure water.
   (b) I will make him pass stool quickly.
   (c) I will give him an emetic of warm salt water.
   (d) I will give him sleeping pills.
4. You are interested in physical exercise. You want to take exercise which involves maximum expenditure of energy. Which of the given exercises will you choose?

(a) Swimming
(b) Horse ridding
(c) Jogging
(d) Cycling

5. While cooking dinner with your sister at home, her clothes catches fire suddenly. What will be your first reaction in this problematic situation?

(a) I will shout for help.
(b) I will try to put out the fire by covering her with blanket.
(c) I will call a doctor.
(d) I will run away from the scene so that I am safe from fire.

6. You are going to make an omlette. How can you tell that the egg is safe for eating without breaking it first?

(a) I will know by shaking it.
(b) I will know by smelling it.
(c) I will know by immersing it in a bowl of water.
(d) I will know it from its appearance.

7. You want to have cool water for your family during summer, but you do not have a refrigerator in your home. How will you manage to have cool water all through the hot season?

(a) I will keep water in an earthenware pot.
(b) I will keep water in an aluminium vessel.
(c) I will keep water in a stainless vessel.
(d) I will keep water in bamboo tubes.
8. While having work experience class in your college garden, one of your friends nose bleeds profusely. What will you do first to help him?

(a) I will run and call his parents.
(b) I will tremble with fear.
(c) I will call a doctor.
(d) I will try to stop the bleeding immediately.

9. While preparing tea for the visitors who are in a kind of hurry to leave, you find that the glass in which you pour tea cracks. What will you do so that the rest of the glasses do not crack?

(a) I will boil the rest of the glasses first.
(b) I will wash the rest of the glasses with warm water before pouring tea in them.
(c) I will wait till the tea gets cold.
(d) I will quickly pour tea hoping that they will not crack like the first one.

10. You take part in the "needle and thread" race in your college sports. How will you thread the needle so that you win the race?

(a) I will close one eye and thread it.
(b) I will open both the eyes and thread it.
(c) I will poke the eye of the needle with the point of another needle and then thread it.
(d) I will look through the eye of the needle against the sun and thread it.

11. Cholera breaks out in your locality. What preventive measure will you and your family take in this regard?

(a) I will disinfect the house.
(b) We will take bath everyday.
(c) We will drink only boiled and cold water when we feel thirsty.

(d) We will close our mouths and noses with handkerchief when we happen to see cholera patient.

12. In this hilly area of ours you feel cold, specially during winter nights. You want to keep your bedroom warm throughout the night during this season. What will you choose to keep the room warm at night?

(a) gas stove
(b) electric stove
(c) charcoal
(d) coal

13. You are working in your chemistry laboratory. Unfortunately caustic soda (NaOH) gets into your eye. What will be your reaction to this?

(a) I will wash my eye with Ammonium Hydroxide (NH₄OH) immediately.
(b) I will wash my eye with warm water immediately.
(c) I will wash my eye with boric acid immediately.
(d) I will wash my eye with sulphuric acid (H₂SO₄) immediately.

14. You have a new sitting room which is quite big and nice. But when you talk, an 'echo' is produced, and you do not like this. What will you do to stop the echo?

(a) I will put carpet on the floor.
(b) I will put sufficient number of furniture.
(c) I will paint the wall.
(d) I will wash the room thoroughly with water everyday.
15. In warm weather, milk gets spoiled easily. How will you prevent the milk from getting spoiled?
   (a) I will boil it so as to kill the germs which may be present in it to cause spoilage.
   (b) I will boil it nicely and after that I will cover it.
   (c) I will protect it from flies and warm it occasionally.
   (d) I will boil it and then keep it in a cool place uncovered.

16. There is something wrong with the electric current in your house. When you open the water tap you get a shock. How will you act in this dangerous situation?
   (a) I will call an electrician.
   (b) I will try my level best to make it alright.
   (c) I will put off the main switch first of all.
   (d) I will open the tap wearing rubber slippers.

17. While your parents are away, the baby under your care gets fever and convulses. What will you do first in this problematic situation?
   (a) I will call a doctor quickly.
   (b) I will pour cold water at the back of his head.
   (c) I will keep him very warm with blanket.
   (d) I will call all the neighbours.

18. The climate of this hilly area has changed a lot and become very hot, specially during summer. In what way can you best solve this problem?
   (a) I will suggest that every house has an air conditioner.
   (b) I will suggest that every house has ceiling fans.
   (c) I will suggest that every family plant trees in the compound of the house.
   (d) I will suggest that more ice-cream be produced at cheaper price.
19. The physical, spiritual and moral lives of our present society are in danger. Certain things are responsible for this. Below is a list of such things written in jumbled form. Re-arrange each word so that they make sense.

(i) P O U M I
(ii) N E R H I O
(iii) P R O T P N O I C U
(iv) D R M X A N A
(v) Q O R U I L
(vi) B N G I L M A G
(vii) G G M S N G U I L
(viii) C D E I I S U
(ix) P A E R
(x) F T H E T

20. In the puzzle below, six scientists with one invention each are given. Try and detect them.

```
   R  M  Q  T  T  A  W  S  E  M  A  J
   O  A  V  U  O  P  N  E  S  R  N  E
   N  Z  D  V  I  X  K  L  H  O  V  N
   A  E  S  I  V  N  Z  B  I  E  K  I
   L  E  W  W  U  D  I  T  I  N  P  G
   D  L  T  T  B  M  A  N  S  T  M  N
   R  A  D  I  O  T  S  X  E  G  Q  B
   O  X  M  C  I  N  H  J  P  E  S  M
   S  P  K  V  D  Y  D  P  E  N  R  A
   S  M  A  D  A  M  E  C  U  R  I  E
   O  R  H  R  Z  P  M  K  B  A  C  T
   G  V  X  T  I  N  O  C  R  A  M  S
```
PROBLEM SOLVING ABILITY TEST : SCORING KEY

1. d  7. a  13. c
2. b  8. d  14. b
3. c  9. b  15. d
4. a  10. a  16. c
5. b  11. c  17. b
6. c  12. c  18. c

19.
(i) OPIUM
(ii) HEROIN
(iii) CORRUPTION
(iv) MANDRAX
(v) LIQUOR
(vi) GAMBLING
(vii) SMUGGLING
(viii) SUICIDE
(ix) RAPE
(x) THEFT

20.
JAMES WATT - STEAM ENGINE
MARCONI - RADIO
RONALD ROSS - QUININE
MADAME CURIE - RADIUM
ROENITGEN - X-RAY
NEWTON - GRAVITATION
APPENDIX IV

NORTH-EASTERN HILL UNIVERSITY
DEPARTMENT OF EDUCATION
SHILLONG

BIOGRAPHICAL INVENTORY

1. Name

2. Age

3. Sex

4. Class (Indicate Arts/Sc/Com)

5. College

6. Village

7. Father's/Guardian's Educational Qualification

8. Mother's Educational Qualifications

9. Father's/Guardian's Occupation

10. Mother's Occupation

11. Family monthly income from all source Rs.

12. Please tick whether you are:
   (a) first born ( )
   (b) middle born ( )
   (c) last born ( )
   (d) only child ( )

13. State your division in the Matric Exam (HSLC/CBSE) ___________
    Please indicate percentage of marks obtained in Matric ___________

14. Please tick if you are an active member/participants in the following:
   (a) S.U. ( )
   (b) Y.A.C. ( )
   (c) N.C.C. ( )
   (d) E.U. ( )
   (e) N.S.S. ( )
   (f) S.S.U. ( )
   (g) Rovers and Rangers ( )
   (h) Science club ( )
   (i) Commerce Students Union ( )
   (j) Any other ( )
15. Please tick if you are an active member/participants in any social/cultural/literary organisation of the following :

(a) Y.M.A. ( ) (h) Y.H.A.I. ( )
(b) KTP/TKP/PYD/YC etc ( ) (i) YMCA/YWCA ( )
(c) M.Z.P. ( ) (j) Any cultural club ( )
(d) VDP/JAC ( ) (k) Any Choir (zaipawl) ( )
(e) M.H.I.P. ( ) (l) Any other ( )
(f) M.Z.I. ( )
(g) Any Sports Assn. ( )
(eg. MFA/MBA etc)

16. Please tick in the following if you have made any contributions/Article in magazines/News papers/bulletins/books/journals etc.

(a) Poetry ( ) (i) Letter to editors ( )
(b) Stories ( ) (j) Jokes ( )
(c) Songs ( ) (k) Cartoons ( )
(d) Drama ( ) (l) Quiz ( )
(e) Essays ( ) (m) Puzzle/Riddle ( )
(f) Sermons ( ) (n) General Knowledge ( )
(g) Reports ( ) (o) Any other ( )
(h) Features ( )

17. Please tick your talent in the following activities:

(a) Knitting ( ) (j) Weaving/Craft work ( )
(b) Gardening ( ) (k) Tailoring/Fashion Designing ( )
(c) Modelling ( ) (l) Painting/Sketching ( )
(d) Carpentry ( ) (m) Flower arrangement ( )
(e) Cooking ( ) (n) Hair dressing/Beautician ( )
(f) Acting ( ) (o) Extempore speech ( )
(g) Debate ( ) (p) Commentator/Compering ( )
(h) Music/Singing ( ) (q) Mechanics (electrical, automobiles, etc)
(i) Cultural Dances (r) Any other

State whether you have received any training or have received any award/prizes in the above.