

APPENDIX - I
PERSONAL DATASHEET

Name : _____

Gender : Male / Female

Grade : IX X XI XII

Nature of Visual Impairment: a. Blindness
b. Low vision

Visual Acuity : Right Eye = _____
Left Eye = _____
Both the Eyes = _____

APPENDIX - II

ASSESSMENT SCHEDULE FOR EXPANDED CORE CURRICULAR SKILLS OF BLIND STUDENTS

Student Name :

Gender :

School :

Grade :

| S.No | Skills | Complete | Partial | No |
|-----------|---|----------|---------|----|
| I | ACADEMIC SKILLS | | | |
| 1. | Braille Reading Skills & Fluency | | | |
| i. | Uses only forefinger of the right/left hand for reading | | | |
| ii. | Fingers are kept at an angle to the Braille line | | | |
| iii. | Identifies next line without any difficulty in a cell | | | |
| iv. | Reads fastly without leaving word or sentence | | | |
| v. | Recognises next paragraph/next page | | | |
| 2. | Use of Slate & Stylus and Braille Writing | | | |
| i. | Able to hold the stylus | | | |
| ii. | Recognizes configuration of the cell while writing | | | |
| iii. | Punch dots correctly | | | |
| iv. | No omission while writing | | | |
| v. | Identifies next line without any difficulty | | | |
| 3. | Application of Nemeth Code | | | |
| i. | $n(A \cup B) = n(A) + n(B) - n(A \cap B)$ | | | |
| ii. | x^3 | | | |
| iii. | $\sqrt{81}$ | | | |
| iv. | $P(x) = 2x^3 - x^2 + 4x + 1$ | | | |
| v. | $\angle A + \angle B = 180^\circ$ | | | |
| 4. | Abacus Usage | | | |
| i. | 7986+8439+6792 | | | |
| ii. | 8341-6985 | | | |
| iii. | 865*94 | | | |

| S.No | Skills | Complete | Partial | No |
|-----------|--|----------|---------|----|
| iv. | 89568/16 | | | |
| v. | 23.58*5.6 | | | |
| 5. | Study & Reference Skills | | | |
| i. | Uses study material in Braille | | | |
| ii. | Uses taped material | | | |
| iii. | Utilises reader service | | | |
| iv. | Takes notes during class hours | | | |
| v. | Refers other study materials | | | |
| 6. | Use of Tactile Charts, Graphs & Maps | | | |
| i. | Identifies different textures | | | |
| ii. | Able to recognise places in maps | | | |
| iii. | Uses tactual graphs independently | | | |
| iv. | Recognises the content on charts | | | |
| v. | Assimilates correct texture w.r.t. the name of object/places | | | |
| 7. | Use of Scientific Notation | | | |
| i. | $\begin{array}{c} \text{H} - \text{C} - \text{H} \\ \\ \text{H} \end{array}$ | | | |
| ii. | $2\text{Cl}_2 + 2\bar{e} \rightarrow 2\text{Cl}_2$ | | | |
| iii. | $2\text{KClO}_3 \rightarrow 2\text{KCl}_2 + 3\text{O}_2$ | | | |
| iv. | $\text{H} - \text{C} \equiv \text{C} - \text{H}$ | | | |
| v. | NH_3 | | | |
| II | CAREER EDUCATION | | | |
| 1. | Follows Simple/Complex Classroom & School Rules | | | |
| i. | Comes to school on time | | | |
| ii. | Maintains discipline in classroom | | | |
| iii. | Comes in full uniform daily to school | | | |
| iv. | Doesn't take much leave | | | |
| v. | Attends all classes regularly | | | |
| 2. | Initiates & Completes School Assignments on Time | | | |
| i. | Inspite of eye condition completes assignment on time | | | |

| S.No | Skills | Complete | Partial | No |
|------------|--|----------|---------|----|
| ii. | Does homework in Braille | | | |
| iii. | Doesn't give false reason for incompleteness of assignment | | | |
| iv. | Initiates the work and completes fastly | | | |
| v. | Shows interest to do the assignment work | | | |
| 3. | Assumes Responsibility for Obtaining Supplies, Resources & Leisure Activities | | | |
| i. | Say 3 welfare schemes available for visually impaired. | | | |
| ii. | State any 3 agencies supplying Braille books. | | | |
| iii. | Say 5 assistive devices provided from Govt. | | | |
| iv. | Say some clubs providing resource materials. | | | |
| v. | Say some leisure activities. | | | |
| 4. | Explore Realistic Options for Future Education / Career Programming | | | |
| i. | State some Higher Education courses available for Visually Impaired. | | | |
| ii. | What is your career plan in future? | | | |
| iii. | State some job opportunities available for Visually Impaired. | | | |
| iv. | State Eligibility criteria for admission to any course. | | | |
| v. | State some exams which are required for teaching profession. | | | |
| III | INDEPENDENT LIVING SKILLS | | | |
| 1. | Dressing/Clothing Management | | | |
| i. | Able to wear clothes independently | | | |
| ii. | Helps at home in washing clothes | | | |
| iii. | Identifies front and back in dress | | | |
| iv. | Knows to iron the dress | | | |
| v. | Wears appropriate dress according to the season | | | |
| 2. | Personal Hygiene/Grooming/Toileting | | | |
| i. | Puts paste and brush by own | | | |
| ii. | Takes bath independently | | | |
| iii. | Doesn't get help from others to comb hair | | | |
| iv. | Washes face & put powder by own | | | |
| v. | Uses toilet independently | | | |

| S.No | Skills | Complete | Partial | No |
|-----------|---|----------|---------|----|
| 3. | Concept of Currency (Indian Coins and Rupees). | | | |
| i. | Identifies coins | | | |
| ii. | Identifies all rupee notes | | | |
| iii. | Goes for shopping alone | | | |
| iv. | Buy things and gives the amount correctly | | | |
| v. | Bargains for buying things from shops | | | |
| IV | ORIENTATION & MOBILITY SKILLS | | | |
| 1. | Protective, Sighted Guide and Cane Techniques | | | |
| i. | Uses upper arm technique correctly | | | |
| ii. | Uses lower arm technique correctly | | | |
| iii. | Uses correct position to hold sighted guide | | | |
| iv. | Hesitates to get sighted help | | | |
| v. | Uses cane skills | | | |
| V | APPLICATION OF TECHNOLOGY | | | |
| 1. | Use of Tape Recorder for Learning | | | |
| i. | Uses taped material for study | | | |
| ii. | Listens to recorded cassettes for all subjects | | | |
| iii. | Operates tape recorder without others help | | | |
| iv. | Records instructional lessons in classroom | | | |
| v. | Records for note taking purpose | | | |
| 2. | Keyboarding | | | |
| i. | Has keyboard skills | | | |
| ii. | Operates keyboard independently | | | |
| iii. | Identifies letter on keyboard | | | |
| iv. | Uses all fingers for typing | | | |
| v. | Uses typewriting skills to type | | | |
| 3. | Computer Operation | | | |
| i. | Operates computer independently | | | |
| ii. | Able to type without others help | | | |
| iii. | Commits errors while typing | | | |
| iv. | Uses word document for material preparation | | | |
| v. | Types a passage with correct spacing | | | |

APPENDIX - III

**ASSESSMENT SCHEDULE FOR EXPANDED CORE CURRICULAR
SKILLS OF LOW VISION STUDENTS**

Student Name :
 Gender :
 School :
 Grade :

| S. No. | Skills | Complete | Partial | No |
|-----------|--|----------|---------|----|
| I | ACADEMIC SKILLS | | | |
| 1. | Type of Learning Medium | | | |
| i. | Using print material with magnifier | | | |
| ii. | Using large print | | | |
| iii. | Using Braille | | | |
| iv. | Using both | | | |
| v. | Using audio cassettes | | | |
| 2. | Ability in Mathematical Calculations | | | |
| i. | Find $n(A \cup B) = n(A) + n(B) - n(A \cap B)$ where $A = \{43, 23, 56, 78\}$, $B = \{58, 43, 79, 23\}$ | | | |
| ii. | Find x^3 for $x=36$ | | | |
| iii. | $\sqrt{81}$ | | | |
| iv. | Find $P(x) = 2x^3 - x^2 + 4x + 1$ where $x= 15$ | | | |
| v. | Find $\angle A + \angle B$ where $A=120^\circ$, $B = 170^\circ$ | | | |
| 3. | Study & Reference Skills | | | |
| i. | Uses study material in Large print | | | |
| ii. | Uses taped material | | | |
| iii. | Utilises reader service | | | |
| iv. | Takes notes during class hours | | | |
| v. | Refers other study materials | | | |

| S. No. | Skills | Complete | Partial | No |
|---------------|--|-----------------|----------------|-----------|
| 4. | Use of either Tactile or Printed Charts, Graphs & Maps | | | |
| i. | Identifies different font size | | | |
| ii. | Able to recognise places in maps | | | |
| iii. | Uses large printed graphs independently | | | |
| iv. | Recognises the content on charts | | | |
| v. | Assimilates correct texture w.r.t. the name of object/places in large print | | | |
| II | CAREER EDUCATION | | | |
| 1. | Follows Simple/Complex Classroom & School Rules | | | |
| i. | Comes to school on time | | | |
| ii. | Maintains discipline in classroom | | | |
| iii. | Comes in full uniform daily to school | | | |
| iv. | Doesn't take much leave | | | |
| v. | Attends all classes regularly | | | |
| 2. | Initiates & Completes School Assignments on Time | | | |
| i. | Inspite of eye condition completes assignment on time | | | |
| ii. | Does homework in Braille | | | |
| lii. | Doesn't give false reason for incompleteness of assignment | | | |
| iv. | Initiates the work and completes fastly | | | |
| v. | Shows interest to do the assignment work | | | |
| 3. | Assumes Responsibility for Obtaining Supplies, Resources & Leisure Activities | | | |
| i. | Say 3 welfare schemes available for visually impaired. | | | |
| ii. | State any 3 sources for large printed books. | | | |
| iii. | Say 5 assistive devices provided from Govt. | | | |
| iv. | Say some clubs providing resource materials. | | | |

| S. No. | Skills | Complete | Partial | No |
|---------------|--|-----------------|----------------|-----------|
| v. | Say some leisure activities. | | | |
| 4. | Explore Realistic Options for Future Education/Career Programming | | | |
| i. | State some Higher Education courses available for Visually Impaired. | | | |
| ii. | What is your career plan in future? | | | |
| iii. | State some job opportunities available for Visually Impaired. | | | |
| iv. | State Eligibility criteria for admission to any course. | | | |
| v. | State some exams which are required for teaching profession. | | | |
| III | INDEPENDENT LIVING SKILLS | | | |
| 1. | Dressing/Clothing Management | | | |
| i. | Able to wear clothes independently | | | |
| ii. | Helps at home in washing clothes | | | |
| iii. | Identifies front and back in dress | | | |
| iv. | Knows to iron the dress | | | |
| v. | Wears appropriate dress according to the season | | | |
| 2. | Personal Hygiene/Grooming/Toileting | | | |
| i. | Puts paste and brush by own | | | |
| ii. | Takes bath independently | | | |
| iii. | Doesn't get help from others to comb hair | | | |
| iv. | Washes face & put powder by own | | | |
| v. | Uses toilet independently | | | |
| 3. | Concept of Currency (Indian Coins and Rupees). | | | |
| i. | Identifies coins | | | |
| ii. | Identifies all rupee notes | | | |
| iii. | Goes for shopping alone | | | |
| iv. | Buy things and gives the amount correctly | | | |
| v. | Bargains for buying things from shops | | | |

| S. No. | Skills | Complete | Partial | No |
|---------------|--|-----------------|----------------|-----------|
| IV | APPLICATION OF TECHNOLOGY | | | |
| 1. | Use of Tape recorder for Learning | | | |
| i. | Uses taped material for study | | | |
| ii. | Listens to recorded cassettes for all subjects | | | |
| iii. | Operates tape recorder without others help | | | |
| iv. | Records instructional lessons in classroom | | | |
| v. | Records for note taking purpose | | | |
| 2. | Keyboarding | | | |
| i. | Has keyboard skills | | | |
| ii. | Operates keyboard independently | | | |
| iii. | Identifies letter on keyboard | | | |
| iv. | Uses all fingers for typing | | | |
| v. | Uses typewriting skills to type | | | |
| 3. | Computer Operation | | | |
| i. | Operates computer independently | | | |
| ii. | Able to type without others help | | | |
| iii. | Commits errors while typing | | | |
| iv. | Uses word document for material preparation | | | |
| v. | Types a passage with correct spacing | | | |

APPENDIX - IVa

PASSAGE FOR ASSESSMENT OF BRAILLE READING IN ENGLISH

(Passage borrowed from VIII Grade English text)

a. Assessment for Braille Reading

Courage means the ability to do something dangerous or face pain or opposition, without showing fear. There have been people who have stood by what they thought to be right and true, and they provide inspiration for us all. One such person is Saralabehn. As a Britisher, she supported India's struggle for freedom. There were many in England who did so, but not all of them came to India and spent their lives working for justice and equity in the Kumaon Hills.

APPENDIX - IVb

PASSAGE FOR ASSESSMENT OF BRAILLE READING IN TAMIL

(Passage borrowed from VIII Grade Tamil text)

a. பிரெயில் வாசித்தல் மதிப்பீடு

தமிழ்ப்பணி

பாவேந்தர் பாரதிதாசன் தம்வாழ்நாள் முழுவதனையும், தமிழின் மறுமலர்ச்சிக்காவும் வீழ்ச்சியுற்ற தமிழகத்தில் புத்தெழுச்சி காண்பதற்காகவும் தமிழரின் முன்னேற்றத்துக்குத் தடைக்கற்களாய் நிற்கும் அறியாமையை, மூடப்பழக்க வழக்கங்களை உடைத்தெறிவதற்காகவும் பாடுபட்டார். வீடெல்லாம், நாடெல்லாம், மக்களின் இதயக்கூடெல்லாம், ஏடெல்லாம் இன்பத்தமிழ் மணக்க வேண்டும் என்று அல்லும் பகலும் அயராது தமிழ்ப்பணி ஆற்றினார்.

சூரிய ஒளி பெறாத செடியும், பகுத்தறிவு ஒளிபெறாத சமுதாயமும் வளர்ச்சி அடையாது என்பதனை உணர்ந்த பாவேந்தர் புதிய சமுதாயத்தை உருவாக்குவதிலேயே தமது சிந்தனையைச் செலவிட்டார். இவரது புகழை இசையமுது, குடும்ப விளக்கு, மணிமேகலை வெண்பா, கண்ணகி புரட்சிக் காப்பியம், படித்த பெண்கள், இளைஞர் இலக்கியம், குறிஞ்சித் திட்டு முதலிய நூல் மலர்கள் மலர்ந்து நறுமணம் பரப்பிக் கொண்டிருக்கின்றன.

APPENDIX - IVc**SENTENCE FOR ASSESSMENT OF BRAILLE WRITING IN TAMIL****(Sentence borrowed from VIII Grade Tamil text)****a. பிறெயில் எழுதுதல் மதிப்பீடு**

1. ஏறு தழுவுதல் வீரவிளையாட்டு ஒன்று.
2. பறவை மரம் கூடு கட்டியிருந்தது.
3. பேரறிஞர் அண்ணா சிறந்த மேடைப் பேச்சாளர் ஒருவர்.
4. தமிழ் நூல்கள் எளிய நடை எழுதுதல் வேண்டும்.
5. திருக்குறள் அற நூல்கள் ஒன்று.