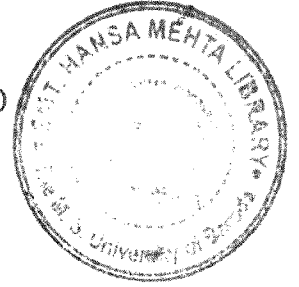# Appendices

Appendix I – NIMHANS Index for SLD

Level II

OLDER STUDENTS (8 to 12 years)

ATTENTION

Number cancellation or letter cancellation test can be used to test the student's ability to sustain attention.

Instruction

"Of the several numbers (letters) given below, I want you to cancel all 3s and 4s (C and T). Do it as quickly as possible".

Note down the time taken, number of right letters cancelled and number of wrong letters cancelled.

Score= No. of right letters cancelled-no. of wrong letters cancelled.

READING

THIS IS A BIG TREE. IT IS A MANGO TREE.

THESE ARE MANGOES.

THIS IS A ROSE PLANT. THIS IS A ROSE.

THIS IS A LEAF. IT IS SMALL.

THESE ARE SMALL LEAVES.

THESE ARE ROSE PLANTS. THESE ARE ROSES.

THESE ARE RED ROSES.

THESE ARE YELLOW ROSES.

II. Once there were many rats in a house. One day a big brown cat came into the house. She killed many rats. The rats were always afraid of the cat. A big gray rat was their leader. It said, "Let's kill the cat." A small gray rat said: "Let's all catch her. Then I can bite her hard with my teeth." A big black rat said "I can pull her tail with my teeth." A small black rat said. "I can kick her with my legs." Their leader said: "We can kill her without trouble." Other rats said: "we can all dance round her with joy."

III. Tenali Ramakrishna was a jester in the court of Krishnadeva Raya. He was from Tenali, a place in Andhra Pradesh. There are a number of interesting stories to tell us how he made fun of people. Here is one of them.

One day Krishna Deva Raya told Tenali Rama, "I want to give you a horse. I want you to take good care of it. I am going to send an official after some time to see your horse. Take the horse with you when you go home this evening."

Tenali Rama took the horse home with him that evening. He wanted to have some fun out of this. So he tied his horse in a small room with only one window to it. Everday Tenali Rama gave his horse a handful of hay through this window. After a few days the horse became very hungry. He was always looking out of the window for some more hay.

IV. Once a monkey lived on a tree near the bank of a river. There was a crocodile in the river. One day the crocodile came near the tree and saw the monkey eating delicious fruit. The crocodile was hungry. "My friend I am hungry. Please give me some fruit to eat", begged the crocodile.

The monkey was moved at the request of the crocodile and threw some fruit to the crocodile. The crocodile ate the fruit and thanked the monkey. Very soon both of them became very good friends. They ate the fruit together. One day the monkey suggested to the crocodile to take some fruit to his wife who lived on the other bank of the river.

V. Antonio, a merchant of the city of Venice, had borrowed a sum of three thousand ducats from an old Jew called Shylock in order to provide his friend Bassanio with the money he needed to marry Portio, a rich and

beautiful lady. Antonio had also agreed to a strange penalty fixed by Shylock. The bond that Antonio had signed said that Shylock could cut off a pound of flesh from the part nearest to Antonio's heart if he failed to repay the sum before the end of three months. You might wonder why Antonio signed such a foolish bond. The reason was that he expected his ships to return long before the payment would fall due. But unfortunately for Antonio his ships did not arrive at port in time and since the three months mentioned in the bond had now passed, the jew filed a suit against Antonio claiming the penalty of a pound of flesh.

VI. Once there lived a wood- cutter named Ali Baba. He was a poor man. Every morning he went to the forest to cut wood. He returned in the evening and sold the wood in the market.

One day while he was cutting wood in the forest, he heard some sound. Men came riding on horses. Ali Baba saw them and was frightened. He thought they were robbers. He hid himself among the branches of a tree. Forty men led by their leader, came riding on horses. The forty men and their leader got off their horses. They tied

their horses to a tree. Their leader went near a cave and said, "Open Sesame," The door of the cave opened. All of them went in. After some time they came out. Now the leader said "Close Sesame", and the door closed behind him. They went away. Ali Baba waited till they were out of sight. Then he came down from the cave. He went near the cave and said. "Open Sesame". The door opened. He went inside. He saw heaps of gold coins and precious diamonds inside the cave.

VII. One hot summer morning a forest officer was driving through a thick forest. He spotted from a distance a group of animals drinking water at a large water pool. There were chitah (spotted deer) all quenching their thirst and frolicking merrily. The forest officer was attracted by this beautiful sight. As he was trying to adjust his lens, one of the deer saw him and let out a deafening yell in terror and bolted into the forest. All the animals understood that there was danger to their lives and ran away. In a minute all of them had disappeared. The mere sight of man was a danger signal to them.

Std I

Passage (a)

Comprehension Questions	Spelling
1. What is the big tree ?	/ this
2. What plant is this ?	tree
3. Are the leaves big ?	big
4. What are the colours of the roses?	red

Std II

1. Who lived in the house ?	known
2. One day who came into the house ?	afraid
3. Who killed the rats ?	leader
4. Who was the leader of the rats ?	black
5. What did the rats want to do to the cat ?	dance

Std III

1. Who was Tenali Ramakrishna ?	jester
2. Where is Tenali ?	official
3. What was he given ?	people
4. What did the king ask Tenali Rama to do?	stories
5. Where did Tenali Rama tie the horse ?	evening

Std IV

1. Where did the monkey live ?	crocodile
2. What animal lived near the river ?	suggest
3. What was the monkey eating ?	fruit
4. What did the crocodile ask ?	hungry
5. What did the monkey suggest to the crocodile ?	request

Std V

1. Who was Antonio ?	merchant
2. What did he do ?	thousand
3. Why did he borrow the money ?	beautiful
4. Who was Shylock ?	signed
5. What was the strange penalty fixed by Shylock ?	claiming

Std VI

1. Who was Ali Baba ?	frightened
2. Who came to the forest when he was cutting wood ?	precious
3. What did they do ?	diamonds
4. After they went away what did he do ?	thieves
5. What did he see ?	cutting

Std VII

1. Who drove through the thick forest ?   elephant

2. What did he see from a distance ?   through

3. What did he do ?   deafening

4. What happened to the deer ?   attracted

5. Why did all the animals run away ?   disappeared

SPELLING TEST (Schonell's list)

Class I	Class II	Class III	Class IV	Class V
Cat	Jug	Drank	Strike	Crime
No	Get	Swing	Hobby	Risky
Red	Sip	Sheep	Swimming	Address
And	Drop	Bath	Folded	Hero
The	Clip	Train	Sailor	Movies
It	Sing	Catch	Tight	Expect
We	Thank	Child	Climb	Studying
Like	Boat	Jump	Listen	Business

Play	Care	Walk	Study	Distress
Here	Father	Uncle	Carrying	Trouble
Pig	Down	Light	Foolish	Quiet
Dog	Said	Lake	Dancing	Lovely
Was	Mother	Stick	Picture	Killed
You	Ask	Short	Chair	Knowledge
Yes	Shop	Tall	Table	Eating

RECORD FORM

NIMHANS INDEX FOR SPECIFIC LEARNING DISABILITIES

IP/OP _____

Name : _____

Department of Clinical Psychology

National Institute of Mental Health and Neuro Sciences,

Bangalore – 560 029.

DEPARTMENT OF CLINICAL PSYCHOLOGY

NIMHANS, BANGALORE – 29

ASSESSMENT OF SPECIFIC LEARNING DISABILITIES

CHILD AND ADOLESCENT MENTAL HEALTH UNIT

Name of the child   :   O.P.No.   :

Age   :   C.G.C. No.   :

Sex   :   Address   :

Class   :

Language Spoken

(1)   :

(2)   :

(3)   :

Date of referral   :   Parents'Phone no. :

Presenting
Complaints   :

165

Reasons for referral   :   Language spoken

by the parents   :

Brief History   :   Duration :

Delay in milestones   :   Yes   No

Multiaxial Classification

I

II

III

IV

V

Date :

                                           Examiner

GENERAL ABILITIES WISC / MISIC PROFILE

SCALED SCORES											
14											
13											
12											
11											
10											
9											
8											
7											
6											
5											
4											
3											
2											
1											
0											

SCALES: Information, Comprehension, Arithmetic, Similarities, Vocabulary, Picture Completion, Picture Arrangement, Block Design, Object Assembly, Coding, Digit Span

VERBAL IQ =

PERFORMANCE IQ =

FULL SCALE IQ =

Level II (for 8 to 12 years)

I.   2. ATTENTION

Test	No. of Correct R	Errors	Time taken
Single letter cancellation			
Double letter cancellation			

Remarks :

II LANGUAGE

(A) READING

* Note down the frequency of each error and time taken to read passage

Type of errors	1st Std.	2nd Std.	3rd Std.	4th Std.	5th Std.	6th Std.	7th Std.
1. Reads word by word							
2. Ignores punctuation							
3. Adds words							
4. Omits words							
5. Cannot use phonetic cues							
6. Spells out words							
7. Guesses at words							
8. Reversals							
9. Others							
Total Number of errors							
Time Taken							

Remarks :

B. WRITING :

COPYING AND ANSWERS TO QUESTIONS

Type of Errors	Frequency of errors
1. No space between words	
2. Missed out a letter	
3. Substituted a letter	
4. Reversed a letter	
5. Added a letter	
6. Wrong Capitals	
7. Others	

Total No. of errors   =
Time taken   =
Remarks   =

C. Comprehension :

Question No.	1st Std.	2nd Std.	3rd Std.	4th Std.	5th Std.	6th Std.	7th Std.
1							
2							
3							
4							
5							
Total Correct Responses							

Remarks :

STANDARD

III. SPELLING

Words	Ist	IInd	IIIrd	IVth	Vth	VIth	VIIth
1							
2							
3							
4							
5							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Total Correct Reponses   Total

Write a few lines about 'My School'

Remarks :

IV Perceptual Motor Abilities

(1) Bender Gestalt Test Score

Fig. A	Fig.1	Fig.2
1a-	4-	7-
1b	5-	8-
2-		
3-	6-	9-

Fig-3	Fig-4	Fig-5
10-	13-	15-
11-	14-	16-
12a		17a-
12b		17b-

Fig – 6	Fig – 7	Fig – 8
18a-	21a	24-
18b-	21b	25-
19-	22-	
20-	23-	

Developmental Score	=
(No. of errors)	=
Development Age	=
Chronological Age	=

Remarks :

(ii) Developmental Test of Visual – Motor Integration

	1	2	3	4	5	6	7	8	9	10	11	12	13
R/W	-	-	-	-	-	-	-	-	-	-	-	-	-

	14	15	16	17	18	19	20	21	22	23	24	Total Correct
R/W	-	-	-	-	-	-	-	-	-	-	-	-

Remarks :

V. Memory

(i) Visual Memory

Benton Visual Retention Test Score

No. 1	2	3	4	5	6	7	8	9	10	Total correct
W/R -	-	-	-	-	-	-	-	-	-	-

Remarks :

(ii) Auditory Memory

(a) Familiar pairs   (b) Unfamiliar pairs

                1 2 3 4 5   1 2 3 4 5

Dog   -   Cat   Cow   -   Spoon

Tree   -   Plant   Water -   Paper

Chair -   Table   Lamp   -   Stick

Man   -   Woman   Floor -   People

Day   -   Night   Star   -   River

Black -   White   Boy   -   Fruit

Remarks :

DIAGNOSTIC ARITHMETIC TEST
(MODIFIED FROM SCHONELL'S)

1. ADDITION

(a) $1 + 1 =$ (b) $1 + 3 =$ (c) $2 + 5 =$ (d) $8 + 3 =$ (e) $6 + 3 =$

II. SUBTRACTION

(a) $3 - 2 =$ (b) $5 - 3 =$ (c) $11 - 6 =$ (d) $9 - 5 =$ (e) $13 - 8 =$

III. MULTIPLICATION

(a) $1 \times 3 =$ (b) $2 \times 0 =$ (c) $6 \times 9 =$ (d) $8 \times 5 =$ (e) $9 \times 8 =$

IV. DIVISION

(a) $2\overline{)\ 4\ (}$ (b) $5\overline{)\ 5\ (}$ (c) $4\overline{)\ 12\ (}$ (d) $3\overline{)\ 24\ (}$ (e) $6\overline{)\ 54\ (}$

V. MISCELLANEOUS

(a) $3 + 8 =$ (b) $12 - 5 =$ (c) $7 \times 6 =$ (c) $7\overline{)\ 42\ (}$

VI. GRADED ADDITION

(a) 1   4   (b) 3   1   (c) 1   9   (d) 8   7   (e) 5   6
+   3   + 6   6   +   9   + 3   1   + 6   9
_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

VII. GRADED SUBTRACTION

(a) 9   8   (b) 3   4   6   (c) 7   1   (d) 3   3   1   (e) 1 8 0
-        3   - 2   1   5   -   2   -   1 8   -   7 1
_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

VIII. GRADED MULTIPLICATION

(a) 2   2   (b) 3   0   3   (c) 7   6   (d) 1   0   6   (e) 3   4   8
x   4   x   3   6   x   3   9   x   7   2   x   1   2
_____   _____   _____   _____   _____

_____   _____   _____   _____   _____

<table>
<tr><td>22 x 4</td><td>303 x 36</td><td>76 x 39</td><td>106 x 72</td><td>348 x 12</td></tr>
</table>

IX. GRADED DIVISION

(a) 4⟌ 44 ((b) 3⟌906 ((c) 4⟌800 ((d) 5⟌1515((e) 5⟌156 (

X. ADDITION (FRACTIONS)

(a) $\dfrac{3}{7} + \dfrac{1}{3}$ (b) $7 + \dfrac{2}{3}$ c) $\dfrac{5}{8} + \dfrac{1}{8}$

XI. SUBTRACTION (FRACTIONS)

(a) $\dfrac{7}{9} + \dfrac{2}{9} =$ (b) $2\,\dfrac{7}{11} - \dfrac{7}{11} =$ c) $9\,\dfrac{5}{6} - 3\,\dfrac{7}{12} =$

XII. MULTIPLICATION (FRACTIONS)

(a) $\dfrac{3}{16} \times 5 =$ (a) $7 \times \dfrac{2}{7} =$ c) $\dfrac{2}{5} \times \dfrac{3}{7} =$

XIII. DIVISION

(a) $8 \div \dfrac{5}{4} =$ (a) $\dfrac{1}{2} \div \dfrac{1}{3} =$ c) $5\,\dfrac{3}{5} \div 4 =$

1 3 5 4 2 1 3 1 2 4 2 1 3 5 4 3 5 2 1 4 4 2 5 3 1 Right Wrong

3 1 2 5 4 1 5 4 3 2 5 4 1 3 4 4 2 1 5 3 5 1 4 2 3

5 1 4 3 2 4 2 5 3 3 3 2 3 4 4 2 1 3 5 4 1 3 5 4 2

2 4 5 1 3 3 1 4 5 2 5 2 3 4 4 5 4 5 2 3 2 4 1 5 3

4 5 3 2 1 2 4 3 1 5 1 4 2 3 5 3 2 4 1 3 5 2 2 4 - 1

5 1 4 3 2 3 1 4 5 2 4 2 1 5 3 4 3 5 3 1 2 1 3 1 5

4 5 3 2 1 2 4 5 1 3 5 1 4 3 2 5 1 2 5 4 1 3 5 4 2

2 4 3 1 5 3 1 4 5 2 4 2 5 1 3 1 5 4 3 2 5 3 1 2 4

1 4 2 5 3 5 2 3 4 1 3 5 2 1 5 2 5 1 3 4 2 1 3 5 4

4 2 5 2 1 5 1 4 2 3 1 3 5 4 2 2 4 1 5 3 3 5 4 2 1

4 5 3 2 4 2 4 5 1 3 1 4 2 5 3 5 3 2 4 1 3 5 4 2 1

2 2 5 1 3 3 1 4 5 2 5 2 3 4 1 1 4 5 2 3 2 4 1 5 3

3 1 2 5 4 1 5 3 3 2 2 5 1 3 4 4 2 1 5 3 5 1 4 2 3

1 0 5 4 2 5 3 1 2 4 2 1 3 5 4 3 5 2 1 4 4 2 5 3 1

5 1 4 3 2 4 4 4 5 1 3 3 5 2 1 4 2 1 3 5 4 1 3 5 4

2 4 5 1 3 3 1 4 5 2 5 2 3 4 1 1 4 5 2 3 2 4 1 5 3

3 1 2 5 4 1 5 4 3 2 2 5 1 3 4 4 2 1 5 3 5 1 2 5 3

1 3 5 4 2 5 3 1 2 4 2 1 3 5 4 2 5 2 1 4 4 2 5 3 1

5 1 4 3 2 4 2 5 1 3 3 5 2 1 4 2 1 3 5 4 1 3 5 4 2

4 5 3 2 1 2 4 5 1 3 1 4 2 5 3 5 2 2 4 1 3 2 5 4 1

3 1 4 5 4 1 6 4 3 2 2 5 1 3 4 4 2 1 5 3 6 1 4 3 3

1 3 5 4 2 5 3 1 2 4 4 2 3 5 4 2 5 2 1 4 4 2 5 3 1

5 1 4 3 2 4 2 5 1 3 3 5 2 1 4 2 1 3 5 4 1 3 5 4 2

4 5 3 2 1 2 5 5 1 3 1 4 2 1 5 3 5 3 2 4 1 3 5 4 2

2 4 5 1 3 3 1 4 5 2 5 2 3 4 1 1 4 5 2 3 2 4 1 5 3

TOTAL

Name :

Date :

Time Taken :

in seconds

177