

Behavioural Assessment Scales for Indian Children with Mental Retardation (BASIC-MR) Part A

Age level in years	Item no.	DOMAIN-I MOTOR (M)
0 - 5	1.	Retains two one inch cubes in one hand for 30 seconds #
	2.	Claps hands
	3.	Crawls a distance of 5 feet or more
	4.	When made to stand, stands without support for a minimum of two minutes
	5.	Puts small objects into a container* #
	6.	Uses thumb and index finger to pick up objects* #
	7.	From sitting position is able to stand
	8.	From standing position, bends knees to squatting position
	9.	Throws ball in any direction #
	10.	Walks for minimum 5-10 steps
	11.	Kicks ball in any direction #
	12.	Runs for minimum ten steps
	13.	Climbs up chair*
	14.	Climbs upstairs using alternate feet
	15.	Pours liquid from one glass to another without spilling* #
	16.	Climbs down the stairs using alternate feet
	17.	Turns pages singly from a book #
	18.	Jumps off the ground with both feet
	19.	Opens the door*
	20.	Does simple physical exercises*

(* Glossary ; # Material ; *# Glossary & Material)

Age level Item
in years no.

DOMAIN-I MOTOR (M)

- | | | |
|-------|-----|--|
| 0 - 5 | 21. | Throws ball atleast five metres away before first bounce # |
| | 22. | Catches ball* # |
| 5 - 7 | 23. | Swings for at least 2-3 minutes* |
| | 24. | Wipes blackboard clean using duster # |
| | 25. | Pushes a cycle tyre (male)/ plays 5 stones(female)* # |
| | 26. | Climbs at least eight to ten steps of a slide or ladder |
| | 27. | Stands on one foot for minimum 30 seconds |
| | 28. | Jumps from a height of 2 feet |
| | 29. | Folds paper and inserts into an envelope* # |
| | 30. | Walks on straight line for atleast 5-10 steps |
| | 31. | Plays marbles(male)/hopscotch(female)* # |
| | 32. | Tears off a perforated sheet # |
| | 33. | Throws ball into a basket* # |
| | 34. | Cuts along a straight line using scissors* # |
| | 35. | Hops on one foot for minimum 30 seconds |
| 7 - 9 | 36. | Plays ring games* # |
| | 37. | Threads a medium sized needle* # |
| | 38. | Strikes and lights a match stick within two attempts # |
| 9 + | 39. | Rides a bicycle* # |
| | 40. | Skips* # |

(* Glossary ; # Material ; ** Glossary & Material)

Eating

- | | | |
|-------|----|---|
| 0-5 | 1. | Swallows liquid or semi-solid foods |
| | 2. | Drinks from cup or glass # |
| | 3. | Discriminates eatables from non-eatables |
| | 4. | Chews solid foods |
| | 5. | Picks up food with fingers and puts in mouth* |
| 5 - 7 | 6. | Peels banana/orange skin # |
| | 7. | Sucks water/liquid through a straw # |
| | 8. | Mixes rice, dal and eats with hands/spoon* # |

Toiletting

- | | | |
|-------|-----|--|
| 0 - 5 | 9. | Indicates need to go to toilet* |
| | 10. | Reaches the toilet |
| 5 - 7 | 11. | Removes underware/pant before sitting on toilet seat |
| | 12. | Washes self after use of the toilet* |
| | 13. | Flushes toilet after use* |

Brushing

- | | | |
|-------|-----|-------------------------------------|
| 0 - 5 | 14. | Wipes hands with towel/cloth # |
| | 15. | Washes hands with soap and water # |
| 5 - 7 | 16. | Brushes teeth* # |
| | 17. | Spits paste |
| | 18. | Cleans the tongue* |
| | 19. | Applies paste on the tooth brush* # |

(* Glossary ; # Material ; ** Glossary & Material)

Bathing

- | | | |
|-------|-----|-------------------------------------|
| 0 - 5 | 20. | Pours water on self for bathing # |
| | 21. | Wipes face with towel/cloth # |
| 5 - 7 | 22. | Washes face with soap and water # |
| | 23. | Uses towel for drying body # |
| | 24. | Removes soap from body with water # |
| | 25. | Applies soap on body # |

Dressing

- | | | |
|-------|-----|--|
| 0-5 | 26. | Takes off clothes when unbuttoned |
| | 27. | Puts on underpants or elastic knickers |
| | 28. | Unbuttons clothing |
| | 29. | Puts on shirt/frock (need not button) |
| 5 - 7 | 30. | Puts slippers on correct feet |
| | 31. | Buttons own clothing |
| | 32. | Puts on pullover shirt/skirt and blouse* |
| | 33. | Laces shoes or buckles sandals* |
| 7 - 9 | 34. | Ties knots* # |

Grooming

- | | | |
|-------|-----|--|
| 5 - 7 | 35. | Applies powder on face/body # |
| 7 - 9 | 36. | Oils Hair* # |
| | 37. | Cuts nails with nailcutter/scissors # |
| | 38. | Puts on wrist watch # |
| 9 + | 39. | Plaits hair (female)/Combs hair with parting (males) # |
| | 40. | Looks after menstrual hygiene(Female)/Shaves (male)* # |

(* Glossary ; # Material ; *# Glossary & Material)

Receptive

- | | |
|-------|---|
| 0 - 5 | <ul style="list-style-type: none"> 1. Locates items/persons on command by looking at them* 2. Responds to verbal or gestural commands* 3. Follows simple commands that call for action* 4. Points to five body parts 5. Points to familiar objects* 6. Points to pictures in a book*# |
| 5 - 7 | <ul style="list-style-type: none"> 7. Follows question forms, whose?* 8. Follows post positions like in, on and under* 9. Carries out two sequential verbal or gestural commands* 10. Follows question forms, which ?* 11. Follows questions forms, why?* 12. Follows adjectives like big-small, up-down* |
| 7 - 9 | <ul style="list-style-type: none"> 13. Follows the concept of whole-part* 14. Follows three step directions* 15. Identifies first, middle and last in a group |
| 9 + | <ul style="list-style-type: none"> 16. Follows left, right 17. Follows sight words*# 18. Arranges pictures after listening to a story*# 19. Follows traffic signs/signals*# 20. Follows voting rights* |

(* Glossary; # Material; * # Glossary & Material)

Age level in years	Item no.	DOMAIN-III LANGUAGE (L)
<i>Expressive</i>		
0 - 5	21.	Imitates five vowel sounds
	22.	Uses yes/no by nodding of head*
	23.	Indicates basic needs by pointing or gesturing*
	24.	Speaks five single words meaningfully
	25.	When asked tells own name
	26.	Imitates sounds of animals and inanimate objects*
	27.	Uses two word phrases*
	28.	Tells use of five familiar objects*
	29.	Describes actions of people using words*#
	30.	Uses words to indicate commands*
	31.	Identifies sex*
5 - 7	32.	Names five common vehicles #
	33.	Names five common animals #
	34.	Names five common vegetables #
	35.	Names five common fruits #
	36.	Recites rhymes of atleast 3-4 lines
7 - 9	37.	Uses adjectives like long-short, rough-smooth and clean-dirty
	38.	Uses complex sentences*
9 +	39.	Narrates simple jokes*
	40.	Carries on simple conversation*

(* Glossary ; # Material; ** Glossary & Material)

Reading

- | | |
|-------|---|
| 0 - 5 | <ul style="list-style-type: none"> 1. Matches five similar objects* 2. Matches five common objects to pictures in a book # 3. Matches five colours # 4. Recognizes his/her name* 5. Reads his/her own name* 6. Sorts five similar pictures into same category* # 7. Matches five three letter words* # |
| 5 - 7 | <ul style="list-style-type: none"> 8. Identifies five colours # 9. Names five colours # 10. Reads five printed words* # |
| 7 - 9 | <ul style="list-style-type: none"> 11. Reads names of parents* 12. Reads two word phrases* # 13. Reads own address* 14. Reads names of family members/friends* 15. Reads short sentences* # 16. Reads sign boards* # |
| 9 + | <ul style="list-style-type: none"> 17. Reads small paragraphs* # 18. Reads large print from magazines, newspapers, etc.* # 19. Reads medium sized handwritten paragraphs* # 20. Reads short news item from newspapers # |

(* Glossary; # Material ; *# Glossary & Material)

Writing

- | | |
|-------|--|
| 0 - 5 | 21. Scribbles with chalk or pencil on a slate, floor or paper
22. Traces along a three inch straight line
23. Traces along a circular object #
24. Traces alphabets of own name
25. Copies alphabets of own name
26. Copies a straight line
27. Copies a circle
28. Draws a line connecting three dots*
29. Writes own name* |
| 5 - 7 | 30. Copies a square
31. Copies a triangle
32. Copies own address
33. Writes own address |
| 7 - 9 | 34. Copies five printed sentences*
35. Writes 5-6 words on dictation*
36. Writes five sentences on dictation* |
| 9 + | 37. Writes a letter* #
38. Fills in an application* #
39. Writes a composition of minimum 40 words on simple topics*
40. Writes a leave letter* |

(* Glossary ; # Material ; *# Glossary & Material)

Number

- | | |
|-------|--|
| 0 - 5 | 1. Rote counts 1-5.
2. Separates one object from a group upon request* #
3. Discriminates between less and more* #
4. Matches identical number of concrete objects* |
| 5 - 7 | 5. Recognizes written numbers from 1-10 #
6. Writes numbers sequentially from 1-10
7. Picks up specified number of objects upto five*
8. Arranges number symbols sequentially from 1-5 in an order #
9. Follows directions to fill upto half glass* #
10. Adds single digit numbers within 10
11. Subtracts single digit numbers within 10
12. Writes numerals upto 100 on random dictation |
| 7 - 9 | 13. Does two digit addition without carry over
14. Does two digit subtraction without borrowing
15. Does two digit addition with carryover
16. Does two digit subtraction with borrowing |
| 9 + | 17. Names math symbols* #
18. Measures liquid using measuring cups* #
19. Weighs objects using weighing scale* #
20. Uses calculator for basic arithmetic operations* # |

(* Glossary ;# Material ; *# Glossary & Material)

10

Age level in years	Item no.	DOMAIN-V NUMBER-TIME (NT)
		<i>Time</i>
0 - 5	21.	Associates time/events to routine school activities*
	22.	Associates watch/clock with time* #
	23.	Follows 'now', 'later', 'hurry', 'wait'*
	24.	Tells correctly if it is day or night*
	25.	Tells correctly if it is morning or evening*
	26.	Follows yesterday, today and tomorrow*
5 - 7	27.	Tells hour and minute hands on the clock #
	28.	Names and identifies days of the week
	29.	Counts by five's*
7 - 9	30.	Tells time by hour* #
	31.	Tells own age in years
	32.	Names and identifies months of the year
	33.	Associates time with work routine*
	34.	Tells time by quarter hour #
	35.	Tells date of birth*
9 +	36.	Tells day, date, month and year
	37.	Reads and uses a calender* #
	38.	Tells time to the minutes on the clock* #
	39.	Reminds on prefixed time*
	40.	Sets watch to correct time* #

(* Glossary ; # Material ; ** Glossary & Material)

Domestic

- | | |
|-------|---|
| 0 - 5 | 1. Keeps things at places when asked to |
| | 2. Collects waste and puts away in the waste paper basket |
| | 3. Dusts/wipes table, chairs etc. # |
| 5 - 7 | 4. Waters plants # |
| | 5. Folds own clothing |
| | 6. Sweeps floor using a broom # |
| 7 - 9 | 7. Wets/mops floor # |
| | 8. Serves eatables* # |
| | 9. Washes utensils* # |
| | 10. Washes clothes* # |
| | 11. Cuts vegetables* # |
| 9 + | 12. Lights a kerosene/gas stove # |
| | 13. Prepares tea or coffee* # |
| | 14. Prepares dough for chapati/puris* # |
| | 15. Prepares simple breakfast items* |
| | 16. Sews buttons* # |
| | 17. Cooks rice or other food items* |
| | 18. Prepares a curry or sabji* |
| | 19. Irons own cotton clothes |
| | 20. Prepares a complete meal* |

(* Glossary ;# Material; ** Glossary & Material)

Social

- | | |
|-------|---|
| 0 - 5 | 21. Responds with correct gesture when said ta-ta
22. Responds to own name by turning his/her head
23. Identifies teacher by her name
24. Goes inside school yard and comes back
25. Shares food/toys with other children |
| 5 - 7 | 26. Greets others*
27. Seeks permission to go out*
28. Sings/dances with music
29. Offers help to teachers in classroom/school chores*
30. Knows duties of various occupations*
31. Waits for his turn with 4 to 5 other children
32. Plays with 4-5 children* |
| 7 - 9 | 33. Comes and goes to school unattended when the school is within the same neighbourhood*
34. Says 'please', and 'thank you'*
35. Introduces himself to others*
36. Plays with children for 20 minutes in cooperative play/activity*#
37. Can cross road *
38. Goes to home from school or vice versa outside his neighbourhood* |
| 9 + | 39. Receives and gives message taken on phone or in person
40. Travels in a bus on own* |

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Pre-pocational

- | | |
|-------|--|
| 0 - 5 | 1. Carries notice/messages from one classroom to another |
| | 2. Brush paints* # |
| 5 - 7 | 3. Uses a pencil sharpener # |
| | 4. Sticks using gum or glue* # |
| 7 - 9 | 5. Cuts simple shapes* # |
| | 6. Rings school bell on time |
| | 7. Clips using stappler* # |
| | 8. Makes holes using punching machine* # |
| | 9. Stacks objects into groups* |
| | 10. Puts away things in appropriate places after use* |
| | 11. Assembles similar objects of three to four sizes* # |
| | 12. Nails and hangs a calender # |
| | 13. Uses a screw driver to insert or remove screws # |
| 9 + | 14. Tells date of National festivals* |
| | 15. Makes a garland of flowers using thread* # |
| | 16. Applies medicine on a cut* # |
| | 17. Does simple hemming work* # |
| | 18. Plants a sapling # |
| | 19. Tells names of important people* |
| | 20. Wraps a gift box* # |

(* Glossary ; # Material; *# Glossary & Material)

Money

- | | |
|-------|---|
| 0 - 5 | 21. Sorts coins from other similar metal objects* |
| | 22. Aware that money can buy things |
| | 23. Keeps money safely* |
| | 24. Selects a rupee note from other paper objects # |
| 5 - 7 | 25. Sorts out mixed coins* # |
| | 26. Identifies/names denomination of all coins* # |
| | 27. Identifies/names currency notes upto 10* # |
| | 28. Rank orders coins* # |
| 7 - 9 | 29. Adds collects coins to make a rupee* # |
| | 30. Makes purchases within 1 Re* |
| | 31. Makes purchases within 1 Re. with correct change* |
| | 32. Makes purchases upto Rs.2 with correct change |
| | 33. Knows transactional value for items below Rs.10* |
| 9 + | 34. Calculates change upto 10 rupees* |
| | 35. Makes purchases upto Rs.5 with correct change |
| | 36. Makes purchases upto Rs.10 with correct change |
| | 37. Knows transactional value for items upto Rs.100 |
| | 38. Maintains account of money in a piggy bank |
| | 39. Deposits money in a bank* # |
| | 40. Withdraws money from bank* # |

(* Glossary ; # Material ; *# Glossary & Material)

Behavioural Assessment Scales for Indian Children with Mental Retardation (BASIC-MR) Part B

ITEM NO.	DOMAIN/ITEMS
Violent and Destructive Behaviours	
1.	Kicks others
2.	Pushes others
3.	Pinches others
4.	Pulls hair, ear, body parts of others
5.	Slaps others
6.	Hits others
7.	Spits on others
8.	Bangs objects
9.	Slams doors
10.	Bites others
11.	Attacks or pokes others with weapon (blade, stick, pencil)
12.	Throws objects at others
13.	Tears/pulls threads from own or others clothing
14.	Tears up own or others books, papers, magazines
15.	Breaks objects/glass/toys
16.	Damages furniture
Temper Tantrums	
17.	Cries excessively
18.	Screams
19.	Stamps feet
20.	Rolls on floor

Misbehaves with others

21. Pulls objects from others
22. Interrupts in between when others are talking
23. Makes loud noise when others are working or reading
24. Makes face to tease others
25. Uses abusive/vulgar language
26. Takes others possession without their permission openly
27. Tells others what to do and wants his/her way (bossy)

Self injurious behaviours

28. Bangs head
29. Bites self
30. Cuts or mutilates self
31. Pulls own hair
32. Scratches self
33. Hits self
34. Puts objects into eyes/nose/ear
35. Eats inedible things
36. Peels skin/wounds
37. Bites nails

Repetitive behaviours

38. Rocks body
39. Nods head
40. Sucks thumb
41. Makes peculiar sounds
42. Bites ends of pen/pencil

- 43. Shakes parts of the body repeatedly
- 44. Grinds teeth
- 45. Swings round and round

Odd behaviours

- 46. Laughs to self
- 47. Laughs inappropriately
- 48. Talks to self
- 49. Hoards unwanted objects (sticks, thread, pieces of old clothes)
- 50. Picks nose
- 51. Plays with unwanted objects like chappal, strings, faeces and dirt excessively
- 52. Kisses, hugs, and licks people unnecessarily
- 53. Smells objects

Hyperactivity

- 54. Does not sit at one place for required time
- 55. Does not pay attention to what is told
- 56. Does not continue with the task at hand for required time

Rebellious behaviours

- 57. Refuses to obey commands
- 58. Does opposite of what is requested
- 59. Takes very long time intentionally to complete a task
- 60. Wanders outside school
- 61. Runs away from school

ITEM NO.	DOMAINS/ITEMS
62.	Argues without purpose
	Antisocial behaviours
63.	Lies or twists the truth to his own advantage or blames others
64.	Cheats in games or no sense of fair play
65.	Steals
66.	Makes obscene gestures
67.	Exposes body parts inappropriately
68.	Makes sexual advances towards members of opposite sex
69.	Touches own private parts in public.
70.	Touches others private parts in public
71.	Gambles
	Fears
72.	Fear of objects
73.	Fear of animals
74.	Fear of places
75.	Fear of persons
	Any others: