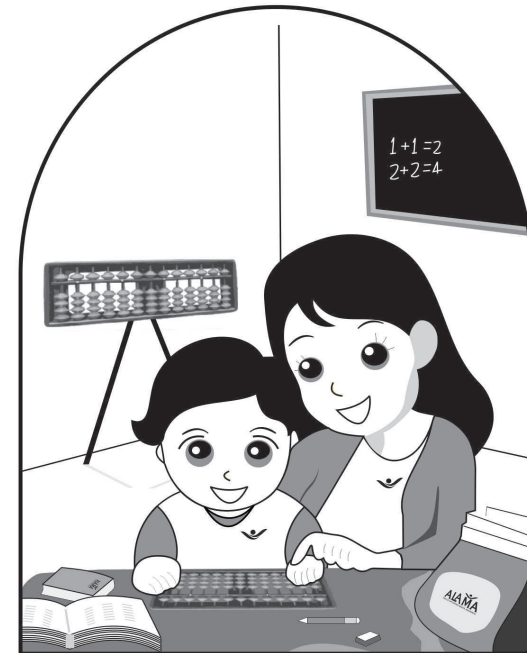




ALAMA INTERNATIONAL

(ABACUS LOGICAL APPLICATIONS MENTAL ARITHMETIC)



MENTAL ARITHMETIC - LEVEL-1

Admit Card No :

Marks :

MENTAL ARITHMETIC - LEVEL-1

1	7 2 -8	2	3 4 -4	3	2 4 -3	4	3 3 3	5	1 7 -4	6	2 1 5	7	5 -5 9
8	6 2 -3 4	9	4 4 -7 8	10	1 2 1 -2	11	2 1 1 2	12	9 -4 -3 6	13	6 -4 6 -4	14	9 -8 1 3
15	3 3 -3 3	16	4 4 -5 4	17	2 7 -5 3	18	4 2 -3 1	19	1 1 5 -3	20	2 2 -3 4	21	6 2 -3 -3
22	9 9 9	23	8 7 10	24	14 4 -8	25	12 4 -4	26	19 -6 3	27	27 -3 4	28	28 -4 3
29	60 6 8 10	30	9 10 -14 16	31	3 9 28 51	32	74 24 -3 2	33	1 9 20 30	34	21 31 -1 6	35	24 42 -3 -3

MENTAL ARITHMETIC - LEVEL-1

36	36 29 -3 4	37	11 9 25 9	38	4 16 27 7	39	23 32 -44 46	40	9 18 27 -4	41	93 -71 33 -4	42	12 41 9 9
43	28 67 -3	44	53 -42 49	45	49 19 -26	46	15 25 30	47	25 26 39	48	37 -34 61	49	74 -33 29
50	29 63 -61 19	51	19 29 39 -71	52	12 13 16 49	53	94 -41 27 18	54	18 19 -17 39	55	43 28 15 8	56	27 58 -63 28
57	93 -71 24 44	58	35 23 27 -43	59	17 17 17 17	60	79 -48 15 26	61	23 38 15 16	62	19 18 10 16	63	73 22 -74 29
64	41 34 -71 14	65	65 -24 29 18	66	66 -31 19 25	67	77 -22 -30 69	68	11 41 28 16	69	36 -24 40 26	70	39 49 -26 18
71	71 -10 29 -20	72	91 -80 25 56	73	39 28 -26 51	74	23 33 43 -62	75	52 28 -60 30				



ALAMA INTERNATIONAL

(ABACUS LOGICAL APPLICATIONS MENTAL ARITHMETIC)



MENTAL ARITHMETIC - LEVEL-2

Admit Card No :

Marks :

MENTAL ARITHMETIC - LEVEL-2

1	7 2 -1	2	8 -5 2	3	4 -1 3	4	8 -5 6	5	3 1 7	6	4 9 -3	7	8 -6 8
8	6 -3 7 1	9	5 6 7 8	10	9 -3 7 -2	11	1 3 4 -1	12	4 3 -1 -4	13	4 -3 5 -2	14	4 5 3 -2
15	8 -5 2 1	16	1 4 -3 -2	17	2 6 -3 2	18	8 -4 1 1	19	2 1 3 2	20	3 2 -4 8	21	1 5 3 -2
22	2 23 4 1	23	2 8 31 6	24	14 8 -3 6	25	3 6 13 4	26	2 57 -5 6	27	11 9 -5 7	28	3 35 7 -2
29	57 4 -3 6	30	34 2 6 4	31	31 8 6 5	32	5 61 -7 8	33	71 8 -9 5	34	24 5 -8 9	35	97 -3 -8 -6

MENTAL ARITHMETIC - LEVEL-2

36	2 53 -5 -6	37	7 21 62 -9	38	31 20 -4 -5	39	19 -11 4 -7	40	42 -5 30 -4	41	28 -3 9 -11	42	32 41 -3 6
43	33 -21 71 -54	44	70 21 -19 -20	45	51 15 -30 -10	46	23 -14 25 -23	47	24 -22 62 -10	48	27 31 -13 -10	49	16 15 -20 23
50	31 24 -12 -10	51	27 10 -11 14	52	54 -12 20 -31	53	34 13 -10 41	54	91 -51 -11 -11	55	32 30 30 -26	56	52 10 11 -40
57	83 -74 32 -13	58	54 -41 32 -17	59	41 -20 19 25	60	50 -23 -13 -10	61	86 -13 -20 -14	62	42 11 41 -30	63	51 -16 18 -15

64	42 × 2 =	68	84 × 6 =	72	12 × 7 =
65	27 × 3 =	69	39 × 7 =	73	32 × 3 =
66	85 × 4 =	70	25 × 8 =	74	31 × 5 =
67	21 × 5 =	71	72 × 9 =	75	21 × 8 =



ALAMA INTERNATIONAL

(ABACUS LOGICAL APPLICATIONS MENTAL ARITHMETIC)



MENTAL ARITHMETIC - LEVEL-3

Admit Card No :

Marks :

MENTAL ARITHMETIC - LEVEL-3

1 63 3 2 -1 	2 19 -4 2 -8 	3 18 -4 8 3 	4 63 -6 -2 5 	5 34 -5 8 -6 	6 83 2 -7 2 	7 31 -4 2 -4
8 80 6 5 -11 	9 52 9 2 -8 	10 42 3 3 4 	11 54 3 8 1 	12 63 4 3 2 	13 12 -3 -1 9 	14 7 9 32 -13
15 59 4 2 3 	16 42 -4 -2 1 	17 49 -5 -11 20 	18 32 -3 6 -3 	19 24 -3 -4 6 	20 33 4 -5 6 	21 7 5 43 -4
22 43 42 -19 -20 	23 21 50 19 -35 	24 34 20 -11 21 	25 43 35 -21 -10 	26 52 22 -11 -23 	27 21 40 11 -31 	28 52 -22 11 -21
29 39 -18 -21 74 	30 38 -11 -10 71 	31 19 28 24 -19 	32 51 20 -30 45 	33 24 22 -12 31 	34 71 -27 21 -13 	35 34 -30 33 45

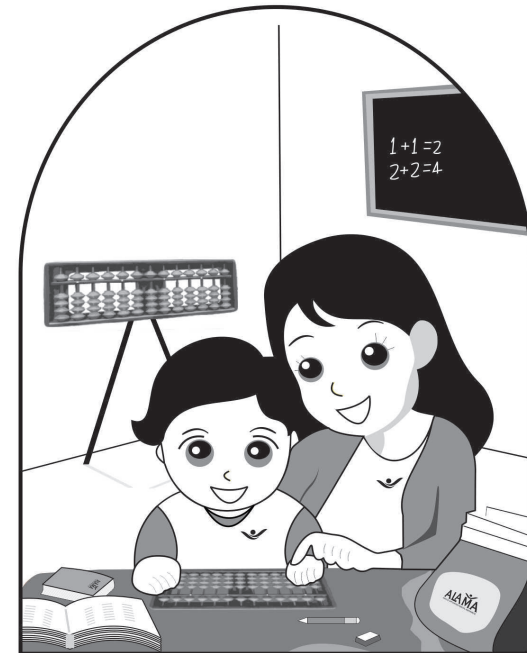
MENTAL ARITHMETIC - LEVEL-3

36 4 26 3 1 -4 	37 39 4 -2 -1 7 	38 7 -3 42 -7 -8 	39 2 9 -1 63 4 	40 29 -3 8 27 6 	41 62 -52 -6 3 -2 	42 36 -2 -3 3 43
43 22 -6 8 61 2 	44 72 -3 -12 8 22 	45 33 -12 2 51 -9 	46 39 -3 -10 7 4 	47 5 2 82 -3 -51 	48 8 49 -13 -6 -2 	49 8 -2 3 13 45
50 999 - 777 =	51 666 - 444 =	52 252 + 462 =	53 513 - 347 =	54 654 - 204 =	55 715 - 325 =	56 620 + 218 =
57 645 - 312 =	58 323 - 223 =	59 695 - 402 =	60 81 × 3 =	61 83 × 4 =	62 41 × 5 =	63 62 × 2 =
64 41 × 8 =	65 252 × 4 =	66 113 × 3 =	67 467 × 4 =	68 419 × 7 =	69 281 × 6 =	70 42 ÷ 2 =
71 48 ÷ 8 =	72 87 ÷ 3 =	73 55 ÷ 5 =	74 48 ÷ 4 =	75 72 ÷ 6 =		



ALAMA INTERNATIONAL

(ABACUS LOGICAL APPLICATIONS MENTAL ARITHMETIC)



MENTAL ARITHMETIC - LEVEL-4

Admit Card No :

Marks :

1 $\begin{array}{r} 27 \\ 3 \\ -4 \\ 8 \\ -2 \end{array}$ 2 $\begin{array}{r} 62 \\ 6 \\ -5 \\ -3 \\ -2 \end{array}$ 3 $\begin{array}{r} 41 \\ -3 \\ 27 \\ 5 \\ -3 \end{array}$ 4 $\begin{array}{r} 8 \\ 4 \\ -10 \\ 20 \\ 7 \end{array}$ 5 $\begin{array}{r} 5 \\ 15 \\ -16 \\ 9 \\ -7 \end{array}$ 6 $\begin{array}{r} 62 \\ -24 \\ 8 \\ 5 \\ -7 \end{array}$ 7 $\begin{array}{r} 43 \\ 8 \\ -14 \\ 5 \\ -20 \end{array}$

8 $\begin{array}{r} 27 \\ 21 \\ -3 \\ 5 \\ -4 \end{array}$ 9 $\begin{array}{r} 56 \\ -3 \\ 24 \\ -4 \\ 7 \end{array}$ 10 $\begin{array}{r} 24 \\ -9 \\ 17 \\ 8 \\ -24 \end{array}$ 11 $\begin{array}{r} 36 \\ -26 \\ -8 \\ 6 \\ 51 \end{array}$ 12 $\begin{array}{r} 3 \\ 71 \\ -5 \\ 4 \\ -2 \end{array}$ 13 $\begin{array}{r} 5 \\ 24 \\ -13 \\ 8 \\ -9 \end{array}$ 14 $\begin{array}{r} 82 \\ -5 \\ 8 \\ -24 \\ 3 \end{array}$

15 $\begin{array}{r} 64 \\ 22 \\ -43 \\ 13 \end{array}$ 16 $\begin{array}{r} 53 \\ 18 \\ -20 \\ 41 \end{array}$ 17 $\begin{array}{r} 21 \\ 72 \\ -88 \\ 67 \end{array}$ 18 $\begin{array}{r} 49 \\ 28 \\ -63 \\ 47 \end{array}$ 19 $\begin{array}{r} 39 \\ 28 \\ -48 \\ 57 \end{array}$ 20 $\begin{array}{r} 91 \\ -67 \\ 48 \\ 19 \end{array}$ 21 $\begin{array}{r} 73 \\ -47 \\ 16 \\ -21 \end{array}$

22 $\begin{array}{r} 23 \\ 35 \\ -16 \\ 14 \\ -34 \end{array}$ 23 $\begin{array}{r} 41 \\ -26 \\ -13 \\ 25 \\ -18 \end{array}$ 24 $\begin{array}{r} 45 \\ 38 \\ -76 \\ 29 \\ 36 \end{array}$ 25 $\begin{array}{r} 25 \\ 34 \\ -37 \\ 58 \\ -62 \end{array}$ 26 $\begin{array}{r} 12 \\ 13 \\ 14 \\ 15 \\ 16 \end{array}$ 27 $\begin{array}{r} 98 \\ -79 \\ 58 \\ -63 \\ 46 \end{array}$ 28 $\begin{array}{r} 35 \\ 27 \\ 19 \\ -62 \\ 28 \end{array}$

29 $\begin{array}{r} 529 \\ 312 \end{array}$ 30 $\begin{array}{r} 795 \\ -251 \end{array}$ 31 $\begin{array}{r} 778 \\ -582 \end{array}$ 32 $\begin{array}{r} 675 \\ 144 \end{array}$ 33 $\begin{array}{r} 245 \\ 561 \end{array}$ 34 $\begin{array}{r} 903 \\ -281 \end{array}$ 35 $\begin{array}{r} 531 \\ 279 \end{array}$

36 $\begin{array}{r} 238 \\ 529 \\ -263 \end{array}$ 37 $\begin{array}{r} 393 \\ 505 \\ -781 \end{array}$ 38 $\begin{array}{r} 102 \\ 203 \\ 304 \end{array}$ 39 $\begin{array}{r} 112 \\ 564 \\ -301 \end{array}$ 40 $\begin{array}{r} 215 \\ 511 \\ -623 \end{array}$ 41 $\begin{array}{r} 395 \\ 511 \\ -606 \end{array}$ 42 $\begin{array}{r} 432 \\ -321 \\ 644 \end{array}$

43 $301 \times 6 =$ 44 $622 \times 2 =$ 45 $133 \times 5 =$ 46 $212 \times 7 =$ 47 $923 \times 3 =$

48 $2015 \times 2 =$ 49 $9211 \times 2 =$ 50 $3916 \times 1 =$ 51 $1686 \times 4 =$ 52 $1321 \times 6 =$

53 $57 \times 14 =$ 54 $19 \times 28 =$ 55 $39 \times 18 =$ 56 $98 \times 12 =$ 57 $70 \times 17 =$

58 $348 \div 3 =$ 59 $828 \div 2 =$ 60 $792 \div 9 =$ 61 $115 \div 5 =$ 62 $238 \div 7 =$

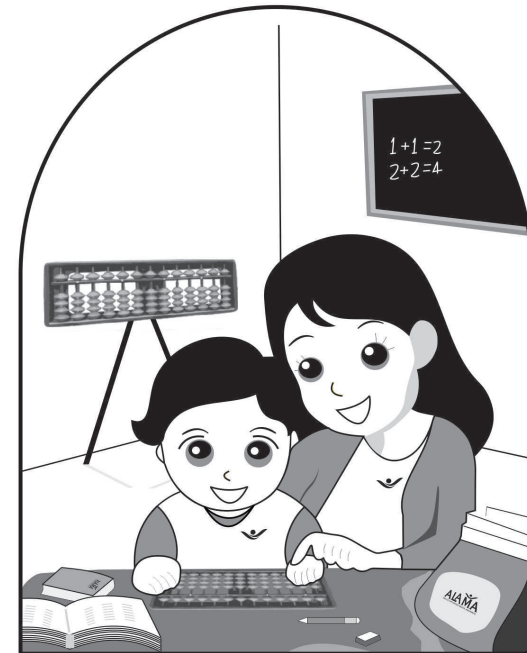
63 $108 \div 12 =$ 64 $152 \div 19 =$ 65 $333 \div 37 =$ 66 $150 \div 25 =$ 67 $187 \div 11 =$ 68 $117 \div 13 =$ 69 $348 \div 29 =$

70 $175 \div 75 =$ 71 $258 \div 43 =$ 72 $312 \div 39 =$ 73 $392 \div 98 =$ 74 $546 \div 78 =$ 75 $261 \div 29 =$



ALAMA INTERNATIONAL

(ABACUS LOGICAL APPLICATIONS MENTAL ARITHMETIC)



MENTAL ARITHMETIC - LEVEL-5

Admit Card No :

Marks :

MENTAL ARITHMETIC - LEVEL-5

8	9	10	11	12	13	14
25	39	87	35	40	23	23
32	51	-77	19	10	72	-21
-56	-78	46	51	27	-17	91
72	65	-34	67	10	8	-9
-3	-22	12	-7	4	2	-7

[illegible][illegible]

²⁹	777 -215 312	³⁰	123 506 -302	³¹	257 -120 225	³²	151 201 -123	³³	326 142 117	³⁴	127 210 122	³⁵	225 100 -121
---------------	---	---------------	---	---------------	---	---------------	---	---------------	--	---------------	--	---------------	---

MENTAL ARITHMETIC - LEVEL-5

36	$21 \times 14 =$	
37	$32 \times 25 =$	
38	$47 \times 32 =$	
39	$68 \times 18 =$	
40	$83 \times 27 =$	

41	$1712 \times 2 =$	
42	$2315 \times 5 =$	
43	$3104 \times 4 =$	
44	$4128 \times 3 =$	
45	$5163 \times 2 =$	

46	$306 \div 3 =$	
47	$428 \div 2 =$	
48	$217 \div 7 =$	
49	$825 \div 5 =$	
50	$864 \div 8 =$	

51	$7215 \div 3 =$	
52	$4728 \div 2 =$	
53	$1824 \div 6 =$	
54	$6545 \div 5 =$	
55	$1664 \div 8 =$	

- 56 $192 \div 48 =$
- 57 $432 \div 54 =$
- 58 $240 \div 48 =$
- 59 $186 \div 62 =$
- 60 $702 \div 78 =$

61	$\sqrt{529} =$	
62	$\sqrt{256} =$	
63	$\sqrt{841} =$	
64	$\sqrt{2025} =$	
65	$\sqrt{2601} =$	

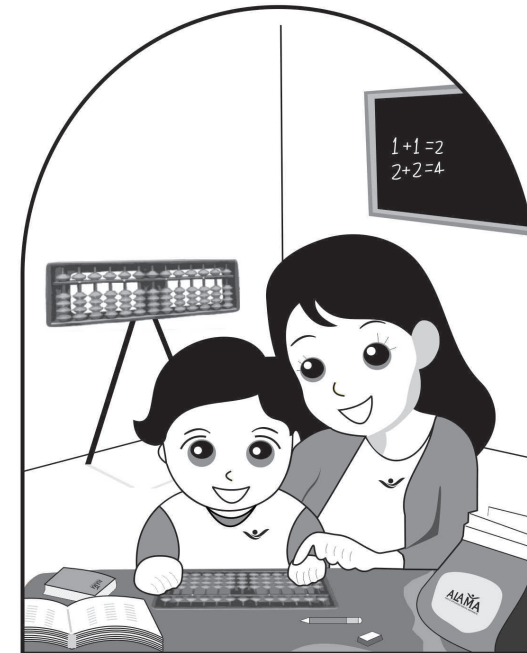
Write 45 counts :

[illegible]



ALAMA INTERNATIONAL

(ABACUS LOGICAL APPLICATIONS MENTAL ARITHMETIC)



MENTAL ARITHMETIC - LEVEL-6

Admit Card No :

Marks :

MENTAL ARITHMETIC - LEVEL-6

8	9	10	11	12	13	14
42	99	35	73	61	43	29
8	-81	50	8	19	33	12
-6	3	-5	9	4	23	-30
-10	7	-79	-47	8	-3	6
-25	14	6	16	-6	-3	7
9	-2	8	-6	-5	-3	-9

15	16	17	18	19	20	21
88	54	79	12	38	54	53
-35	27	-66	24	28	45	13
-53	-69	59	36	-58	-64	-31
29	28	-23	-27	68	46	35
68	-25	30	-45	-18	-32	15
-78	84	-64	99	38	23	-51

[illegible]

MENTAL ARITHMETIC - LEVEL-6

[illegible]

36	1486 x 3 =	
37	9284 x 2 =	
38	1189 x 4 =	
39	3586 x 5 =	
40	9291 x 9 =	

41	$12 \times 54 =$	
42	$93 \times 14 =$	
43	$48 \times 32 =$	
44	$29 \times 67 =$	
45	$85 \times 24 =$	

46	395	$\times 16 =$	
47	892	$\times 15 =$	
48	298	$\times 36 =$	
49	599	$\times 12 =$	
50	369	$\times 22 =$	

51	$117 \div 9 =$	
52	$696 \div 3 =$	
53	$782 \div 2 =$	
54	$992 \div 4 =$	
55	$136 \div 8 =$	

56	$351 \div 27 =$	
57	$468 \div 12 =$	
58	$999 \div 33 =$	
59	$868 \div 14 =$	
60	$364 \div 91 =$	

61	$\sqrt{81} + \sqrt{625}$	=	
62	$\sqrt{16} + \sqrt{100}$	=	
63	$\sqrt{400} - \sqrt{100}$	=	
64	$\sqrt{6889}$	=	
65	$\sqrt{2209}$	=	

Write 87 counts :

□ □ □ □ □ □ □ □ □ □