

MENTAL
12th All India Abacus & Mental Arithmetic Competition - 2012
- Model Paper
INTERMEDIATE A
Time Limit : 8 / 200 Q

GROUP	TOTAL MARKS		Paper corrector Sign
D1, D2, D3		300	Data Entry Sign

+/- 2 Marks per question

x 1 Mark per question

Chennai Trade Centre, Convention Hall (25/8/2012)

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1																					6	7	6	1	6
2															7	4	8	1	7	1	9	7	5	9	7
3								8	9	3	6	3	1	7	1	3	6	6	-4	9	3	-4	1	9	6
4	3	4	6	1	6	5	9	4	-3	1	-5	8	8	-1	4	8	-1	4	7	3	5	8	6	-4	3
5	1	-3	5	9	8	4	-5	8	2	5	6	7	8	9	7	6	5	8	-3	6	9	4	2	1	4
6	9	6	8	-5	4	2	3	9	-4	4	-5	8	9	-3	3	8	-8	7	1	7	9	-6	9	-6	6
7	9	9	1	6	4	4	-4	1	3	3	2	5	6	6	5	6	3	6	-5	8	4	4	1	6	2
8	6	7	8	6	6	2	7	2	-7	2	4	8	9	-8	1	3	-2	7	2	3	8	-8	4	-4	6
9	2	3	9	9	3	1	2	4	3	6	-1	4	7	5	6	7	7	1	1	8	7	6	2	4	4
10	8	-2	1	-3	8	2	9	8	3	2	6	8	5	7	4	6	-2	8	-4	7	4	-3	9	-4	6
Ans																									

No.	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
1	95	2	4	8	7	69	2	9	5	1	2	5	9	86	6	7	36	3	6	38	1	1	79	8	79
2	3	52	2	-8	4	93	9	8	8	4	5	-3	4	2	88	78	9	81	4	6	37	8	6	22	4
3	1	-5	4	7	4	4	-7	3	-9	87	84	4	65	-7	2	-69	49	3	-6	94	4	93	9	88	32
4	9	44	3	62	1	7	31	5	69	8	8	58	6	45	8	37	9	7	39	5	51	-1	13	-7	9
5	3	6	76	-4	2	1	-4	38	17	4	7	-5	8	9	37	-6	2	66	-29	72	84	96	9	92	44
6	54	-6	4	95	7	1	1	61	-1	6	9	15	4	-95	91	11	66	44	96	74	1	-8	6	-4	8
7	1	6	67	-8	71	8	26	5	1	5	1	-7	5	69	9	3	4	68	-8	9	45	82	52	5	21
8	6	-9	7	7	17	3	-2	6	-7	27	33	7	23	-3	45	-7	83	6	82	2	5	-75	21	-91	3
Ans																									

No.	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
1													41	68	40	22	54	36	54	45	79	47	61	84	32
2	97	84	54	96	74	93	78	93	88	26	96	60	16	71	60	45	60	26	27	19	94	-41	91	81	87
3	67	-21	31	-72	21	58	-23	97	-58	28	79	64	65	74	59	77	36	43	-26	71	10	53	82	88	73
4	82	46	60	90	38	31	37	80	91	98	84	-70	16	-66	81	74	-96	68	68	35	78	92	87	-41	60
Ans																									

No.	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1																20	70	68	57	73	42	33	46	92	97
2	46	80	17	84	79	82	99	25	25	61	58	90	36	85	47	76	-57	98	-35	59	18	-33	18	-33	42
3	69	-68	55	56	12	12	62	58	-18	93	69	-51	20	-33	56	18	98	57	23	66	92	63	68	44	12
4	33	77	99	-46	28	82	-97	18	27	72	56	75	43	52	84	14	74	23	68	76	43	38	64	-73	52
5	98	-52	97	99	59	39	54	19	-11	23	96	-72	68	20	32	11	69	75	55	78	44	-93	58	19	10
6	23	73	71	-93	80	64	-38	97	17	98	54	50	18	-33	43	88	-19	16	-80	31	69	98	30	55	36
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
D1, D2, D3	300	Data Entry Sign

Chennai Trade Centre, Convention Hall (25/8/2012)

101	14	X	2	=	
102	10	X	9	=	
103	90	X	7	=	
104	47	X	4	=	
105	90	X	2	=	
106	93	X	5	=	
107	42	X	5	=	
108	45	X	5	=	
109	64	X	5	=	
110	82	X	9	=	
111	12	X	8	=	
112	72	X	9	=	
113	10	X	2	=	
114	78	X	9	=	
115	81	X	4	=	
116	49	X	4	=	
117	91	X	3	=	
118	82	X	6	=	
119	52	X	9	=	
120	84	X	9	=	
121	23	X	6	=	
122	98	X	9	=	
123	52	X	4	=	
124	25	X	6	=	
125	57	X	4	=	

126	63	X	2	=	
127	12	X	7	=	
128	90	X	6	=	
129	66	X	2	=	
130	65	X	2	=	
131	82	X	7	=	
132	48	X	4	=	
133	46	X	7	=	
134	81	X	7	=	
135	50	X	5	=	
136	98	X	2	=	
137	67	X	9	=	
138	63	X	8	=	
139	14	X	6	=	
140	88	X	9	=	
141	48	X	3	=	
142	81	X	2	=	
143	21	X	5	=	
144	40	X	5	=	
145	71	X	7	=	
146	65	X	4	=	
147	39	X	9	=	
148	61	X	5	=	
149	54	X	8	=	
150	73	X	5	=	

151	30	X	3	=	
152	34	X	5	=	
153	24	X	3	=	
154	92	X	8	=	
155	56	X	5	=	
156	58	X	9	=	
157	78	X	2	=	
158	60	X	4	=	
159	19	X	4	=	
160	39	X	2	=	
161	93	X	4	=	
162	21	X	7	=	
163	26	X	6	=	
164	83	X	9	=	
165	33	X	3	=	
166	86	X	5	=	
167	93	X	7	=	
168	91	X	2	=	
169	26	X	8	=	
170	36	X	4	=	
171	88	X	7	=	
172	56	X	4	=	
173	49	X	6	=	
174	91	X	4	=	
175	63	X	3	=	

176	70	X	4	=	
177	48	X	5	=	
178	92	X	7	=	
179	32	X	2	=	
180	75	X	4	=	
181	17	X	9	=	
182	69	X	5	=	
183	87	X	8	=	
184	86	X	3	=	
185	45	X	3	=	
186	23	X	9	=	
187	40	X	6	=	
188	73	X	4	=	
189	35	X	9	=	
190	92	X	3	=	
191	68	X	3	=	
192	99	X	8	=	
193	41	X	5	=	
194	84	X	2	=	
195	16	X	4	=	
196	28	X	4	=	
197	64	X	7	=	
198	16	X	7	=	
199	55	X	5	=	
200	49	X	9	=	