

MENTAL



12th All India Abacus & Mental Arithmetic Competition - 2012
- Model Paper
INTERMEDIATE A

+/- 2 Marks per question
 x 1 Mark per question

Time Limit : 8 / 200 Q

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

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																					7	7	1	6	2
2															3	7	6	3	5	3	5	-1	5	8	8
3								6	8	8	3	6	5	7	7	3	6	5	-3	7	6	4	5	-1	7
4	9	9	6	8	2	7	5	9	-6	1	4	3	3	1	9	8	-2	9	8	8	2	-1	3	7	1
5	8	4	6	-3	8	2	-1	9	4	9	1	3	2	-4	8	7	5	8	-7	5	9	7	7	9	4
6	3	-2	3	5	3	5	3	8	7	1	-5	2	3	1	9	7	-5	2	9	2	7	-4	3	-9	2
7	9	6	3	1	1	2	6	7	-8	9	8	7	3	-3	1	4	7	8	-9	2	4	9	8	3	4
8	4	7	8	-8	5	8	-2	6	5	1	-1	8	5	9	2	1	-2	6	8	5	3	-1	8	-2	3
9	9	-9	6	8	3	8	3	6	-4	8	6	9	7	-9	2	5	7	7	-8	7	5	5	7	2	7
10	5	1	4	9	1	2	2	9	8	4	-6	5	4	1	4	6	-8	5	2	4	8	5	5	-8	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	63	3	42	6	53	22	2	8	6	1	5	33	8	25	56	42	9	69	72	9	3	81	94	94	3
2	1	9	33	-3	5	1	-2	2	38	4	7	-1	1	-2	3	63	2	8	-6	8	4	-46	98	-3	2
3	7	-4	5	1	6	1	3	46	-1	38	8	4	21	8	9	-3	26	35	68	6	43	6	45	87	5
4	35	78	9	-1	2	7	5	6	4	9	88	71	4	-4	93	9	23	3	7	58	21	64	6	-5	8
5	7	78	4	62	3	8	-2	5	-3	1	35	3	2	61	5	-9	8	8	-1	19	54	9	8	2	37
6	2	-1	5	6	1	7	28	45	7	28	7	-1	3	53	55	2	51	4	2	6	1	-2	3	9	63
7	4	1	1	-6	3	63	28	1	-3	4	7	4	7	2	3	-96	9	85	18	27	2	39	44	-21	93
8	4	-5	2	26	36	7	-8	8	97	8	8	-4	28	-77	96	25	94	17	-57	32	95	-2	5	51	88
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													97	68	10	29	99	65	34	29	93	67	48	82	27
2	14	11	15	54	58	51	60	80	39	20	18	29	59	10	69	21	17	28	32	86	71	65	63	-11	93
3	54	58	26	76	73	77	16	85	83	33	65	87	36	-23	22	20	37	75	-59	35	78	-99	63	86	42
4	76	-13	66	-72	44	16	-51	76	-30	41	68	-42	37	82	81	70	-25	99	92	67	51	20	16	19	21
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																89	88	82	91	64	39	30	11	94	91
2	56	48	65	22	13	34	19	83	50	85	38	55	13	25	51	67	67	92	31	63	53	-23	75	-86	26
3	64	-43	85	18	16	25	63	42	48	21	99	-24	79	-21	35	34	-79	84	-12	49	28	94	63	78	21
4	67	71	68	-16	59	68	-54	50	-74	21	54	81	49	11	37	48	16	99	79	68	44	61	55	97	64
5	80	-10	99	83	16	90	48	28	86	70	15	80	18	73	99	73	-34	76	92	26	96	-61	95	-68	24
6	16	28	12	-98	54	63	-72	37	-45	88	20	-17	59	-57	16	85	80	98	-35	80	37	14	98	26	72
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	32	X	6	=	
102	71	X	3	=	
103	88	X	5	=	
104	43	X	7	=	
105	71	X	2	=	
106	27	X	3	=	
107	20	X	4	=	
108	90	X	8	=	
109	77	X	2	=	
110	42	X	2	=	
111	12	X	9	=	
112	10	X	8	=	
113	51	X	9	=	
114	95	X	8	=	
115	31	X	9	=	
116	23	X	5	=	
117	78	X	2	=	
118	21	X	3	=	
119	18	X	5	=	
120	35	X	2	=	
121	95	X	7	=	
122	57	X	6	=	
123	70	X	3	=	
124	85	X	5	=	
125	99	X	9	=	

126	14	X	5	=	
127	53	X	7	=	
128	47	X	9	=	
129	24	X	2	=	
130	98	X	7	=	
131	84	X	2	=	
132	42	X	7	=	
133	83	X	8	=	
134	48	X	3	=	
135	82	X	5	=	
136	60	X	6	=	
137	38	X	4	=	
138	47	X	8	=	
139	58	X	3	=	
140	94	X	3	=	
141	49	X	2	=	
142	18	X	7	=	
143	71	X	8	=	
144	87	X	7	=	
145	91	X	8	=	
146	97	X	2	=	
147	20	X	7	=	
148	22	X	5	=	
149	57	X	2	=	
150	70	X	8	=	

151	49	X	9	=	
152	57	X	9	=	
153	45	X	9	=	
154	65	X	9	=	
155	44	X	8	=	
156	24	X	9	=	
157	83	X	6	=	
158	21	X	2	=	
159	84	X	6	=	
160	26	X	9	=	
161	25	X	5	=	
162	85	X	2	=	
163	97	X	7	=	
164	14	X	3	=	
165	97	X	4	=	
166	76	X	6	=	
167	60	X	2	=	
168	58	X	7	=	
169	50	X	2	=	
170	47	X	7	=	
171	70	X	4	=	
172	13	X	8	=	
173	93	X	2	=	
174	24	X	6	=	
175	96	X	5	=	

176	36	X	8	=	
177	47	X	5	=	
178	13	X	3	=	
179	56	X	4	=	
180	25	X	6	=	
181	58	X	9	=	
182	27	X	9	=	
183	96	X	8	=	
184	95	X	5	=	
185	25	X	4	=	
186	56	X	3	=	
187	61	X	4	=	
188	15	X	2	=	
189	30	X	2	=	
190	37	X	7	=	
191	82	X	7	=	
192	95	X	4	=	
193	27	X	8	=	
194	39	X	6	=	
195	48	X	7	=	
196	51	X	7	=	
197	53	X	2	=	
198	53	X	3	=	
199	90	X	6	=	
200	94	X	4	=	