

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																					2	8	4	7	9
2															2	2	9	2	8	8	1	6	1	4	3
3								4	9	1	1	9	1	3	5	5	-9	2	7	3	1	-4	5	-4	8
4	8	3	4	5	1	5	1	2	-7	5	-1	2	4	4	7	4	9	9	-4	8	9	7	1	2	3
5	6	5	1	-1	9	4	-1	3	7	1	5	4	4	5	3	8	-5	3	5	2	3	9	8	-2	4
6	1	1	4	2	5	8	2	3	3	5	-2	7	9	-2	1	1	1	2	-4	9	3	-1	3	2	7
7	1	-1	4	1	7	3	-1	6	-2	1	9	7	9	2	1	5	6	2	1	9	4	2	4	7	1
8	1	1	4	-3	8	4	8	8	2	7	8	2	1	-4	8	3	-4	7	-4	8	1	-4	1	-4	4
9	9	6	8	1	5	9	4	3	-1	2	5	6	8	4	2	8	1	3	3	7	3	1	1	9	7
10	5	-9	4	7	4	2	5	8	9	6	-1	4	7	-8	7	7	-1	2	-6	7	4	-9	9	-5	5
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	6	5	52	9	7	63	6	31	29	3	22	8	2	6	99	28	35	1	58	29	72	76	81	48	3
2	6	-1	6	-3	3	3	-2	4	-3	3	8	-7	6	18	2	6	73	32	85	8	93	54	28	3	85
3	85	7	3	2	12	2	8	8	96	3	4	5	5	38	7	2	67	6	3	6	35	-7	66	97	74
4	6	8	57	-6	3	9	78	81	-9	12	5	3	2	-5	2	-3	3	6	-74	11	85	41	6	-13	2
5	7	-8	9	3	4	6	64	4	2	5	4	-5	6	1	33	72	5	83	39	98	3	-2	9	6	2
6	5	99	1	-1	5	5	-3	8	5	58	25	94	44	-1	38	-2	42	23	-4	4	4	3	9	-5	9
7	3	-4	6	14	8	7	2	4	-9	1	8	83	64	95	14	44	9	17	3	4	1	-89	3	11	82
8	83	15	8	31	62	75	-6	3	3	4	7	-7	1	-52	1	-83	4	1	-5	26	9	6	24	-4	77
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													48	21	58	38	22	53	98	29	55	83	85	69	82
2	88	30	78	28	52	83	85	49	80	40	32	71	33	-13	88	53	87	59	95	22	20	-74	63	82	82
3	77	66	60	85	51	65	-19	36	-58	65	68	-57	47	43	59	82	33	67	92	29	94	10	85	63	65
4	59	-31	75	-33	12	29	46	71	35	77	52	67	68	20	26	38	-58	46	-61	47	68	67	79	-10	88
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																76	83	34	84	10	21	99	86	66	82
2	88	81	88	12	83	98	76	32	99	80	52	97	77	54	41	20	35	13	-45	78	76	-34	64	-42	20
3	16	-62	18	31	18	54	-37	32	-89	35	93	92	95	-16	42	46	-53	52	66	86	76	43	53	76	97
4	92	91	94	-16	76	27	95	95	90	72	10	-97	93	87	10	23	78	42	37	53	91	-49	41	59	46
5	52	-84	40	23	81	39	45	73	-32	73	91	18	75	94	55	38	-37	89	-62	15	88	63	45	32	78
6	28	60	96	-41	41	45	-64	20	75	24	59	-15	81	-56	49	19	77	73	52	40	82	79	79	-90	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	69	X	6	=	
102	18	X	3	=	
103	75	X	7	=	
104	32	X	5	=	
105	76	X	3	=	
106	56	X	3	=	
107	47	X	3	=	
108	12	X	6	=	
109	15	X	5	=	
110	51	X	7	=	
111	39	X	5	=	
112	49	X	6	=	
113	99	X	5	=	
114	21	X	8	=	
115	44	X	8	=	
116	76	X	4	=	
117	94	X	9	=	
118	97	X	4	=	
119	15	X	8	=	
120	79	X	8	=	
121	44	X	4	=	
122	83	X	3	=	
123	79	X	7	=	
124	75	X	6	=	
125	86	X	5	=	

126	13	X	5	=	
127	92	X	2	=	
128	64	X	9	=	
129	38	X	8	=	
130	75	X	5	=	
131	58	X	7	=	
132	22	X	2	=	
133	26	X	5	=	
134	64	X	6	=	
135	76	X	8	=	
136	48	X	5	=	
137	34	X	7	=	
138	81	X	7	=	
139	24	X	4	=	
140	14	X	6	=	
141	79	X	9	=	
142	63	X	4	=	
143	65	X	7	=	
144	26	X	3	=	
145	57	X	5	=	
146	69	X	8	=	
147	98	X	5	=	
148	90	X	7	=	
149	87	X	6	=	
150	23	X	6	=	

151	19	X	9	=	
152	25	X	4	=	
153	58	X	5	=	
154	34	X	5	=	
155	61	X	3	=	
156	55	X	9	=	
157	66	X	9	=	
158	55	X	3	=	
159	25	X	6	=	
160	23	X	7	=	
161	58	X	2	=	
162	40	X	5	=	
163	57	X	6	=	
164	84	X	9	=	
165	50	X	4	=	
166	44	X	5	=	
167	38	X	2	=	
168	97	X	7	=	
169	65	X	6	=	
170	50	X	7	=	
171	42	X	9	=	
172	24	X	8	=	
173	82	X	8	=	
174	22	X	7	=	
175	96	X	4	=	

176	41	X	3	=	
177	73	X	6	=	
178	55	X	6	=	
179	43	X	9	=	
180	70	X	3	=	
181	26	X	2	=	
182	11	X	8	=	
183	52	X	4	=	
184	94	X	5	=	
185	42	X	6	=	
186	96	X	6	=	
187	31	X	2	=	
188	73	X	4	=	
189	40	X	2	=	
190	59	X	8	=	
191	11	X	7	=	
192	99	X	8	=	
193	80	X	4	=	
194	61	X	6	=	
195	11	X	5	=	
196	27	X	3	=	
197	59	X	3	=	
198	25	X	2	=	
199	35	X	3	=	
200	57	X	4	=	