



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

MENTAL

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

Time Limit : 8 / 200 Q

GROUP	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	8	1	9	1	5	7	7	2	1	6	7	2	9	6	7	2	8	6	4	2	4	9	7	3
2	5	-1	5	-3	2	1	-3	9	-2	8	7	8	4	-1	1	4	5	5	7	4	2	2	9	4	1
3	7	2	5	4	9	2	1	4	2	1	5	-1	5	4	3	2	5	8	1	8	6	9	9	-9	7
4	6	-9	4	-5	7	3	-2	6	-1	1	8	9	7	6	8	8	-6	1	-6	7	4	-8	9	2	1
5	4	8	5	2	5	4	5	7	8	5	5	5	4	-3	4	6	1	7	4	5	9	6	8	-4	4
6	5	-2	9	-5	6	2	3	5	3	1	5	-8	6	6	6	9	-4	4	-5	6	1	-3	4	8	1
7	6	7	7	3	7	1	6	9	2	6	8	9	5	7	7	7	6	4	7	1	1	2	4	-2	6
8	1	8	8	-5	6	4	-3	4	-8	2	8	-5	6	-7	3	1	-2	2	-2	5	2	-6	4	5	2
9	1	-4	2	9	3	8	6	5	5	6	6	5	5	1	8	6	7	4	5	4	4	9	2	1	6
10	4	6	8	1	2	1	-2	3	-6	9	8	-5	4	-1	7	6	-4	2	-5	3	2	-4	2	-1	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	34	43	81	89	17	49	40	28	83	70	32	81	59	71	47	52	98	78	45	42	96	40	78	85	77
2	38	-10	57	-71	45	27	68	38	78	30	49	-12	41	83	42	39	71	58	-30	65	22	69	83	17	89
3	18	36	48	57	10	38	-14	43	-31	29	49	75	78	-21	44	84	-63	47	99	81	20	-60	21	-51	62
4	49	10	42	94	97	98	85	73	35	53	69	-24	59	30	71	86	74	88	19	41	41	96	31	87	85
5	14	-66	90	80	42	39	-70	18	47	53	52	24	81	38	84	25	98	29	-12	65	15	48	50	-32	91
6	29	30	68	-31	35	98	98	98	-29	82	11	49	25	-58	71	29	-74	30	23	53	88	-22	17	80	45
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													46	56	43	88	55	68	64	44	71	58	78	58	82
2	71	24	43	42	77	45	55	80	89	28	92	35	76	13	10	54	-38	74	-42	15	14	77	35	62	14
3	43	49	60	29	79	66	14	28	51	46	47	91	81	98	17	37	62	64	41	62	86	23	56	-91	93
4	35	-18	26	83	32	83	74	45	43	88	85	27	90	-17	18	36	43	64	76	75	54	-78	21	60	66
5	99	18	25	98	62	17	36	87	24	74	33	-34	55	70	79	75	29	82	-99	88	44	69	30	89	97
6	29	85	41	-34	10	50	-60	99	-94	16	69	89	84	-21	36	23	-28	10	73	65	45	-27	39	-52	36
7	50	36	35	97	43	81	70	97	22	35	44	-52	67	36	99	92	23	77	-11	16	76	64	35	74	24
8	30	-19	37	-44	64	66	-86	23	-14	12	68	64	40	-68	35	92	-33	48	88	17	30	-41	44	-86	33
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													28	88	86	49	62	33	14	95	60	74	49	99	45
2	76	92	70	83	42	65	99	70	93	10	80	89	17	-63	98	67	-59	40	-13	40	71	35	40	20	70
3	44	88	44	-24	14	38	40	77	78	21	64	-53	49	40	53	37	85	14	37	60	52	-45	53	-62	47
4	27	26	47	48	17	82	-96	40	62	70	49	93	35	15	27	30	-82	32	96	24	86	56	69	69	62
5	94	-23	77	68	22	52	56	54	15	33	50	82	28	11	68	64	18	18	12	32	98	-96	78	-27	33
6	91	27	70	20	25	33	-30	93	-11	14	66	-77	59	12	95	28	65	94	51	27	56	68	26	73	45
7	37	-21	59	81	50	10	89	91	44	45	44	63	88	-77	76	65	14	22	-25	95	11	27	71	57	52
8	47	42	63	-28	69	17	76	45	-37	91	44	-74	75	99	28	50	28	58	33	43	44	75	15	95	11
9	60	12	45	66	35	87	-27	20	42	69	15	32	94	10	55	74	19	83	76	74	20	80	76	28	49
10	48	-64	42	-60	42	76	54	15	-90	73	72	22	45	-91	89	78	-28	38	-75	77	22	-19	99	-40	74
Ans																									

MENTAL



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GROUP	TOTAL MARKS	Paper corrector Sign
F1, F2, F3	300	Data Entry Sign

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

101	219	X	6	=	
102	790	X	3	=	
103	602	X	7	=	
104	917	X	5	=	
105	555	X	2	=	
106	583	X	9	=	
107	494	X	7	=	
108	759	X	8	=	
109	691	X	5	=	
110	508	X	5	=	
111	299	X	9	=	
112	125	X	8	=	
113	619	X	3	=	
114	818	X	3	=	
115	771	X	8	=	
116	213	X	3	=	
117	100	X	2	=	
118	714	X	9	=	
119	442	X	2	=	
120	746	X	4	=	
121	261	X	6	=	
122	505	X	5	=	
123	173	X	3	=	
124	930	X	6	=	
125	101	X	2	=	

126	6	X	770	=	
127	6	X	182	=	
128	3	X	947	=	
129	9	X	607	=	
130	3	X	689	=	
131	5	X	997	=	
132	6	X	706	=	
133	3	X	925	=	
134	2	X	320	=	
135	8	X	115	=	
136	4	X	978	=	
137	3	X	742	=	
138	2	X	187	=	
139	9	X	930	=	
140	3	X	485	=	
141	4	X	837	=	
142	8	X	465	=	
143	2	X	430	=	
144	9	X	596	=	
145	2	X	149	=	
146	5	X	901	=	
147	8	X	109	=	
148	5	X	567	=	
149	7	X	564	=	
150	5	X	269	=	

151	536	÷	8	=	
152	160	÷	4	=	
153	520	÷	8	=	
154	296	÷	4	=	
155	98	÷	7	=	
156	648	÷	9	=	
157	231	÷	3	=	
158	420	÷	6	=	
159	230	÷	5	=	
160	774	÷	9	=	
161	440	÷	5	=	
162	306	÷	9	=	
163	57	÷	3	=	
164	261	÷	9	=	
165	60	÷	4	=	
166	77	÷	7	=	
167	248	÷	8	=	
168	156	÷	6	=	
169	216	÷	9	=	
170	736	÷	8	=	
171	64	÷	2	=	
172	148	÷	4	=	
173	891	÷	9	=	
174	448	÷	8	=	
175	504	÷	8	=	

176	742	÷	2	=	
177	5160	÷	8	=	
178	4056	÷	8	=	
179	3448	÷	8	=	
180	3352	÷	4	=	
181	5076	÷	9	=	
182	387	÷	3	=	
183	1683	÷	3	=	
184	705	÷	3	=	
185	1446	÷	6	=	
186	1188	÷	3	=	
187	5298	÷	6	=	
188	6392	÷	8	=	
189	2040	÷	5	=	
190	3808	÷	8	=	
191	7515	÷	9	=	
192	2338	÷	7	=	
193	5558	÷	7	=	
194	3031	÷	7	=	
195	6769	÷	7	=	
196	3666	÷	6	=	
197	5616	÷	8	=	
198	5337	÷	9	=	
199	1584	÷	9	=	
200	2487	÷	3	=	