



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	2	3	1	7	8	4	8	4	8	9	2	2	2	4	8	7	2	4	8	3	4	6	3	2	2
2	2	-1	4	5	5	3	5	2	9	6	2	6	8	5	3	2	6	6	5	7	1	4	9	8	6
3	1	8	5	-1	5	2	-7	5	-2	1	2	-3	5	-4	9	9	-2	5	-7	6	8	3	9	-3	2
4	1	-6	6	8	9	1	6	2	7	6	4	1	5	7	1	9	4	1	5	2	3	-7	2	2	1
5	9	7	8	-4	9	7	3	3	1	5	6	8	5	-2	7	1	5	8	-5	3	8	5	4	1	5
6	9	-1	9	9	2	2	-5	4	-8	9	1	-9	4	1	7	4	-5	4	1	4	8	-3	6	-6	7
7	4	8	6	-1	4	1	2	1	6	7	9	7	3	3	1	5	6	9	-1	4	5	4	5	9	9
8	7	7	1	9	8	2	-3	6	-1	8	5	-1	8	-2	5	6	-5	7	4	9	1	-5	4	-1	7
9	5	3	9	-3	4	3	2	2	3	2	9	9	8	6	6	7	7	9	4	2	2	1	3	4	1
10	1	-2	9	8	4	8	-6	2	-4	6	1	-9	3	-4	6	7	-8	4	-8	8	3	-4	3	-6	1
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	26	62	47	60	71	38	92	16	64	85	55	72	23	70	29	20	80	32	42	42	82	82	84	93	46
2	93	63	97	-13	64	52	51	90	-25	85	84	-26	63	-52	37	32	-20	22	82	91	14	41	82	-78	78
3	15	-60	35	29	31	48	-49	73	49	18	77	79	50	38	78	13	23	72	-54	51	88	-64	38	36	82
4	32	21	66	82	86	75	80	47	23	80	31	55	74	10	94	60	26	33	15	66	93	22	23	74	32
5	89	-67	29	82	50	99	-40	16	-21	82	27	78	20	52	69	18	23	17	42	40	68	86	51	-89	40
6	61	47	35	-96	54	70	67	21	88	22	56	-82	38	-90	95	20	-72	53	-71	53	49	-31	33	82	33
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													14	86	84	69	82	53	85	28	93	99	66	68	65
2	60	21	64	99	37	18	60	17	47	20	80	37	72	-69	14	99	-35	67	-53	40	18	41	40	73	49
3	21	43	66	28	58	80	-32	48	62	83	13	62	67	93	82	81	25	13	25	93	38	85	86	-76	59
4	98	-53	37	-85	38	31	58	10	-40	44	61	-17	89	96	94	96	79	22	49	20	69	-27	18	79	48
5	50	36	79	86	34	10	-33	14	96	36	73	39	89	57	39	10	-66	22	19	86	11	37	97	28	38
6	83	43	80	12	50	34	35	59	-43	71	12	36	88	-31	98	69	77	70	-46	24	50	-41	71	-55	62
7	68	-83	72	21	98	93	81	44	56	44	19	-52	43	61	96	99	37	25	61	41	65	35	95	27	74
8	87	87	65	-40	64	16	98	39	46	25	28	21	29	-19	93	15	-16	39	-14	45	93	-76	72	-13	48
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													82	88	13	88	44	51	87	58	34	27	85	27	47
2	78	73	72	43	76	87	12	78	15	87	46	35	61	50	76	21	19	84	44	39	46	38	36	22	51
3	39	46	33	94	25	75	81	35	98	43	94	-11	94	-95	21	16	42	50	23	96	97	98	93	-27	23
4	48	59	37	-41	28	98	26	56	79	78	71	40	16	75	68	16	-61	88	-11	10	11	-57	95	38	80
5	92	-21	26	56	42	35	-24	21	-91	56	65	56	51	77	54	81	46	52	46	29	63	25	39	-31	30
6	58	34	10	73	64	19	29	30	54	48	75	58	66	14	50	96	-26	16	94	99	96	65	40	13	62
7	12	40	83	31	46	75	75	39	-49	44	38	-13	12	-73	17	24	95	34	19	17	10	-62	57	62	43
8	41	-16	52	-82	37	14	-25	35	44	91	77	33	34	12	88	45	-54	17	-55	53	20	56	30	-17	67
9	30	82	47	36	87	22	18	44	39	85	99	-18	74	39	90	40	82	14	16	55	96	-23	52	43	37
10	59	-76	36	-25	90	63	-98	23	-62	53	14	11	61	-17	39	98	77	88	-75	27	20	20	21	59	65
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	198	X	6	=	
102	823	X	8	=	
103	863	X	7	=	
104	419	X	9	=	
105	231	X	6	=	
106	980	X	7	=	
107	148	X	3	=	
108	380	X	3	=	
109	343	X	9	=	
110	987	X	2	=	
111	921	X	5	=	
112	818	X	4	=	
113	256	X	4	=	
114	797	X	2	=	
115	456	X	4	=	
116	508	X	4	=	
117	770	X	7	=	
118	214	X	4	=	
119	791	X	7	=	
120	303	X	8	=	
121	387	X	9	=	
122	125	X	2	=	
123	238	X	7	=	
124	975	X	5	=	
125	996	X	7	=	

126	6	X	686	=	
127	3	X	266	=	
128	9	X	636	=	
129	8	X	484	=	
130	6	X	685	=	
131	3	X	953	=	
132	4	X	164	=	
133	6	X	880	=	
134	5	X	611	=	
135	6	X	211	=	
136	2	X	745	=	
137	3	X	510	=	
138	3	X	196	=	
139	7	X	309	=	
140	4	X	492	=	
141	3	X	859	=	
142	9	X	709	=	
143	5	X	588	=	
144	2	X	268	=	
145	5	X	731	=	
146	5	X	523	=	
147	4	X	710	=	
148	5	X	934	=	
149	6	X	708	=	
150	3	X	624	=	

151	201	÷	3	=	
152	159	÷	3	=	
153	46	÷	2	=	
154	531	÷	9	=	
155	644	÷	7	=	
156	608	÷	8	=	
157	304	÷	4	=	
158	594	÷	6	=	
159	432	÷	6	=	
160	684	÷	9	=	
161	558	÷	9	=	
162	441	÷	7	=	
163	560	÷	8	=	
164	147	÷	7	=	
165	546	÷	7	=	
166	320	÷	8	=	
167	680	÷	8	=	
168	462	÷	6	=	
169	630	÷	9	=	
170	85	÷	5	=	
171	693	÷	7	=	
172	752	÷	8	=	
173	279	÷	3	=	
174	32	÷	2	=	
175	495	÷	5	=	

176	2216	÷	8	=	
177	843	÷	3	=	
178	1047	÷	3	=	
179	7672	÷	8	=	
180	6839	÷	7	=	
181	1215	÷	3	=	
182	1092	÷	6	=	
183	4768	÷	8	=	
184	2343	÷	3	=	
185	2628	÷	6	=	
186	4155	÷	5	=	
187	354	÷	3	=	
188	6688	÷	8	=	
189	6538	÷	7	=	
190	1752	÷	8	=	
191	3120	÷	6	=	
192	1508	÷	2	=	
193	3850	÷	5	=	
194	3744	÷	6	=	
195	2508	÷	6	=	
196	1950	÷	5	=	
197	1078	÷	7	=	
198	2880	÷	6	=	
199	2144	÷	4	=	
200	2312	÷	8	=	