

**MENTAL**

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

**INTERMEDIATE B**

Time Limit : 8 / 200 Q

<b>GROUP</b> E1, E2, E3	<b>TOTAL MARKS</b>		Paper corrector Sign
		<b>300</b>	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	7	7	5	9	9	6	1	2	8	3	1	4	1	9	5	3	4	2	5	7	7	3	5	2	2
2	6	4	2	6	7	3	3	6	3	9	7	-2	3	9	9	8	-3	8	4	4	2	8	2	6	7
3	9	-2	6	1	6	8	-2	3	-1	8	4	8	2	8	7	9	3	5	8	9	3	-4	5	6	4
4	9	6	8	-7	4	5	6	5	3	5	8	-6	3	-6	6	4	6	6	-7	2	8	3	5	-6	6
5	5	-8	6	9	9	3	6	5	-3	4	3	9	1	6	9	4	2	4	1	5	4	-5	4	8	9
6	3	9	1	-8	3	1	-9	7	1	5	9	5	5	-4	3	9	-1	4	-4	5	4	7	2	-1	9
7	2	-9	8	4	1	5	7	8	8	3	1	-1	6	7	2	1	6	6	6	2	5	-4	6	4	1
8	1	4	5	-6	7	9	-9	1	-1	3	3	1	6	-8	3	5	-3	1	-5	3	2	3	8	-7	4
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	2	16	5	7	7	63	18	54	33	4	9	53	6	6	41	3	66	98	71	1	5	62	54	8	94
2	2	98	83	-7	21	-61	3	34	9	75	15	85	39	54	56	64	43	-2	83	37	-3	4	39	85	-7
3	-2	8	3	9	32	93	7	2	-1	2	-7	9	-1	55	6	-8	3	5	8	1	71	75	-9	5	57
4	43	46	1	93	3	-5	1	29	11	1	32	2	7	9	9	63	1	-8	76	63	52	2	1	28	-8
5	-13	85	93	58	56	2	5	1	-16	6	47	1	83	2	4	-37	1	14	8	8	-1	9	-4	41	9
6	93	8	86	-7	92	-3	26	4	1	48	-89	2	-9	89	68	6	6	23	3	16	98	62	9	34	6
7	12	8	8	16	7	8	61	39	-9	96	4	76	82	91	7	-8	88	-13	4	2	-51	48	45	1	-52
8	-2	7	17	-52	8	96	84	4	36	62	-4	52	-11	2	91	89	76	4	64	65	9	9	-91	6	46
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	55	91	80	61	25	86	23	76	16	15	80	27	67	40	75	89	77	58	40	92	90	17	22	43	50
2	47	12	58	26	11	47	67	40	82	50	69	65	12	-11	26	92	18	99	52	59	89	67	47	46	68
3	18	-32	87	-34	54	42	-84	54	-69	52	22	-16	76	88	71	41	-11	27	-52	50	13	-17	96	-43	56
4	29	72	58	24	49	62	31	62	39	81	82	47	43	-60	12	43	86	84	71	42	64	87	23	69	51
5	20	-25	33	-27	23	91	-26	38	-37	88	23	-52	89	89	24	59	-34	51	-21	94	60	-89	39	-92	26
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	38	56	36	12	30	59	98	15	85	62	75	84	41	94	55	12	66	15	69	76	52	43	88	61	87
2	70	79	86	62	14	71	61	76	73	78	40	89	84	25	61	84	22	27	21	11	42	87	81	84	48
3	99	-71	35	25	29	33	19	98	-75	11	39	-35	55	-35	88	74	74	33	-18	93	55	78	33	42	29
4	38	91	46	-88	72	37	-14	68	79	64	33	20	62	51	24	63	-85	65	79	41	86	-71	63	-82	21
5	21	65	70	81	51	80	36	88	51	71	52	-50	74	64	69	96	36	13	-92	39	99	98	18	55	54
6	37	-80	23	-61	14	73	-30	30	-41	21	79	25	24	-60	29	80	-26	79	22	65	72	-19	98	-79	33
Ans																									

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

101	98	X	4	=	
102	99	X	8	=	
103	24	X	2	=	
104	50	X	2	=	
105	85	X	7	=	
106	38	X	4	=	
107	96	X	8	=	
108	69	X	8	=	
109	83	X	7	=	
110	48	X	2	=	
111	99	X	4	=	
112	58	X	9	=	
113	70	X	3	=	
114	67	X	8	=	
115	11	X	2	=	
116	92	X	5	=	
117	31	X	3	=	
118	69	X	7	=	
119	14	X	7	=	
120	27	X	3	=	
121	59	X	5	=	
122	86	X	2	=	
123	56	X	7	=	
124	74	X	8	=	
125	88	X	6	=	

126	2	X	87	=	
127	2	X	91	=	
128	2	X	54	=	
129	7	X	73	=	
130	7	X	81	=	
131	4	X	36	=	
132	6	X	14	=	
133	9	X	55	=	
134	5	X	60	=	
135	8	X	92	=	
136	4	X	95	=	
137	2	X	84	=	
138	6	X	72	=	
139	7	X	47	=	
140	2	X	71	=	
141	2	X	94	=	
142	9	X	96	=	
143	5	X	68	=	
144	3	X	85	=	
145	5	X	55	=	
146	6	X	91	=	
147	9	X	71	=	
148	5	X	93	=	
149	7	X	16	=	
150	5	X	75	=	

151	480	÷	8	=	
152	52	÷	2	=	
153	246	÷	3	=	
154	330	÷	6	=	
155	90	÷	3	=	
156	258	÷	3	=	
157	46	÷	2	=	
158	200	÷	8	=	
159	95	÷	5	=	
160	96	÷	4	=	
161	222	÷	6	=	
162	792	÷	8	=	
163	485	÷	5	=	
164	420	÷	5	=	
165	225	÷	9	=	
166	290	÷	5	=	
167	296	÷	4	=	
168	144	÷	9	=	
169	156	÷	6	=	
170	324	÷	9	=	
171	30	÷	2	=	
172	158	÷	2	=	
173	170	÷	2	=	
174	264	÷	6	=	
175	72	÷	6	=	

176	594	÷	6	=	
177	272	÷	8	=	
178	261	÷	9	=	
179	380	÷	5	=	
180	720	÷	9	=	
181	30	÷	3	=	
182	120	÷	6	=	
183	864	÷	9	=	
184	104	÷	2	=	
185	210	÷	3	=	
186	385	÷	5	=	
187	287	÷	7	=	
188	350	÷	7	=	
189	459	÷	9	=	
190	245	÷	5	=	
191	112	÷	7	=	
192	495	÷	5	=	
193	110	÷	5	=	
194	126	÷	3	=	
195	240	÷	6	=	
196	182	÷	2	=	
197	194	÷	2	=	
198	117	÷	3	=	
199	252	÷	3	=	
200	425	÷	5	=	