

MENTAL



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

INTERMEDIATE B

Time Limit : 8 / 200 Q

GROUP E1, E2, E3	TOTAL MARKS		Paper corrector Sign
		300	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	1	2	5	1	1	3	7	3	9	4	6	5	7	7	4	2	7	4	9	6	7	7	4	4	3
2	9	1	7	9	2	7	-4	1	9	2	8	4	4	1	1	3	-1	6	-2	1	5	3	2	4	1
3	1	-1	6	7	7	4	9	6	-2	9	3	-2	2	-6	3	3	9	3	9	5	4	-3	3	-5	4
4	9	8	2	-4	8	1	9	3	4	8	7	1	6	3	2	2	5	2	7	9	6	9	6	9	1
5	7	2	7	6	9	2	-9	4	1	9	9	4	4	-3	9	4	-7	4	-6	5	4	-2	1	2	5
6	2	-6	5	-3	4	8	6	5	-8	4	1	-5	9	8	9	1	6	1	5	6	6	6	3	-2	6
7	3	8	8	1	8	2	-2	2	2	8	5	1	7	-1	7	5	2	9	-6	4	1	6	4	3	6
8	6	-3	6	-9	8	4	4	7	-4	1	4	-3	8	1	8	2	-7	1	5	1	9	-2	2	-9	3
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	69	66	3	17	4	63	5	34	78	44	69	65	56	79	6	97	33	59	84	4	83	58	5	62	9
2	65	5	3	-9	86	3	62	2	-9	1	-7	1	-4	34	8	-1	5	-7	8	52	-28	4	7	34	-8
3	2	6	52	97	87	-3	1	3	33	1	44	7	5	5	8	7	31	56	4	9	22	3	-9	2	4
4	-2	16	5	-73	45	59	8	42	-88	89	-3	5	-2	7	52	-69	36	1	44	77	-5	31	26	7	56
5	4	42	94	6	42	-55	55	15	1	64	7	8	2	99	67	72	9	-8	83	4	53	41	94	39	85
6	-2	13	81	-5	5	1	76	49	82	4	2	69	68	2	65	-8	5	7	4	98	8	7	-55	5	-7
7	64	5	98	13	1	47	91	3	-3	6	-56	23	95	32	6	6	8	93	27	69	-7	22	12	31	85
8	-71	2	2	1	3	-1	9	6	9	83	51	79	-92	6	16	97	44	-58	9	1	6	4	-1	2	-34
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	82	23	85	65	82	23	67	31	22	29	17	85	23	85	19	39	77	18	98	99	19	96	73	80	78
2	35	-12	10	-62	49	49	-30	56	55	32	79	-70	33	-66	73	12	97	41	-39	82	14	-30	71	20	54
3	20	50	26	96	67	43	14	58	-59	77	77	76	77	30	74	76	-47	42	50	63	10	26	86	-47	78
4	52	24	40	-73	92	90	13	66	69	62	41	-58	96	35	47	88	92	69	38	79	54	-31	79	85	31
5	84	-56	83	81	84	33	-24	84	-55	58	86	20	79	-50	61	61	-39	76	-11	16	92	79	69	-13	87
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	13	86	57	82	48	61	75	39	75	96	93	84	45	81	10	48	70	32	78	35	80	49	40	67	88
2	38	98	54	-64	58	43	20	96	32	82	99	25	93	-68	21	58	88	90	73	85	68	82	86	-10	60
3	26	-11	23	37	88	51	-63	71	89	63	80	40	34	95	77	60	52	77	-67	91	42	-65	35	58	79
4	76	31	98	22	81	43	75	84	-40	91	87	-86	86	-48	68	84	-78	27	70	48	97	92	34	-53	54
5	99	-62	73	32	50	13	38	88	19	89	12	31	99	12	60	78	61	58	56	89	86	51	87	72	70
6	21	77	83	-73	73	12	-54	10	-88	44	35	-59	84	62	29	67	-41	50	-87	89	35	-50	25	87	77
Ans																									

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GROUP	TOTAL MARKS	Paper corrector Sign
E1, E2, E3	300	Data Entry Sign

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

101	46	X	6	=	
102	21	X	8	=	
103	55	X	5	=	
104	21	X	5	=	
105	77	X	8	=	
106	17	X	3	=	
107	37	X	2	=	
108	88	X	8	=	
109	59	X	4	=	
110	40	X	7	=	
111	93	X	4	=	
112	24	X	5	=	
113	96	X	9	=	
114	16	X	7	=	
115	61	X	7	=	
116	93	X	7	=	
117	86	X	3	=	
118	70	X	5	=	
119	69	X	4	=	
120	68	X	2	=	
121	53	X	4	=	
122	89	X	4	=	
123	73	X	9	=	
124	20	X	9	=	
125	51	X	5	=	

126	9	X	87	=	
127	6	X	24	=	
128	4	X	57	=	
129	7	X	74	=	
130	6	X	95	=	
131	4	X	42	=	
132	6	X	40	=	
133	9	X	35	=	
134	4	X	39	=	
135	9	X	19	=	
136	3	X	84	=	
137	4	X	47	=	
138	3	X	73	=	
139	9	X	53	=	
140	8	X	51	=	
141	8	X	68	=	
142	6	X	11	=	
143	9	X	64	=	
144	5	X	53	=	
145	2	X	83	=	
146	4	X	85	=	
147	9	X	31	=	
148	2	X	76	=	
149	6	X	75	=	
150	4	X	40	=	

151	150	÷	2	=	
152	546	÷	6	=	
153	30	÷	3	=	
154	84	÷	6	=	
155	158	÷	2	=	
156	512	÷	8	=	
157	80	÷	2	=	
158	84	÷	4	=	
159	238	÷	7	=	
160	444	÷	6	=	
161	70	÷	7	=	
162	88	÷	8	=	
163	688	÷	8	=	
164	531	÷	9	=	
165	160	÷	4	=	
166	196	÷	4	=	
167	376	÷	4	=	
168	54	÷	3	=	
169	56	÷	2	=	
170	201	÷	3	=	
171	208	÷	8	=	
172	40	÷	4	=	
173	672	÷	8	=	
174	351	÷	9	=	
175	378	÷	9	=	

176	693	÷	9	=	
177	380	÷	4	=	
178	80	÷	5	=	
179	144	÷	3	=	
180	100	÷	5	=	
181	82	÷	2	=	
182	142	÷	2	=	
183	330	÷	6	=	
184	200	÷	5	=	
185	312	÷	4	=	
186	24	÷	2	=	
187	28	÷	2	=	
188	111	÷	3	=	
189	518	÷	7	=	
190	108	÷	4	=	
191	228	÷	4	=	
192	216	÷	3	=	
193	172	÷	2	=	
194	36	÷	2	=	
195	360	÷	8	=	
196	424	÷	8	=	
197	154	÷	7	=	
198	243	÷	3	=	
199	456	÷	8	=	
200	156	÷	4	=	