

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

126	2	X	43	=	
127	8	X	12	=	
128	8	X	78	=	
129	6	X	84	=	
130	9	X	17	=	
131	3	X	98	=	
132	8	X	15	=	
133	8	X	70	=	
134	6	X	52	=	
135	2	X	28	=	
136	6	X	33	=	
137	2	X	70	=	
138	2	X	39	=	
139	7	X	36	=	
140	7	X	19	=	
141	4	X	15	=	
142	7	X	67	=	
143	9	X	13	=	
144	8	X	77	=	
145	9	X	14	=	
146	2	X	58	=	
147	2	X	66	=	
148	8	X	90	=	
149	6	X	97	=	
150	3	X	40	=	

151	612	÷	9	=	
152	183	÷	3	=	
153	264	÷	3	=	
154	50	÷	5	=	
155	80	÷	2	=	
156	354	÷	6	=	
157	414	÷	6	=	
158	540	÷	6	=	
159	136	÷	4	=	
160	455	÷	7	=	
161	110	÷	5	=	
162	198	÷	2	=	
163	210	÷	5	=	
164	86	÷	2	=	
165	414	÷	9	=	
166	531	÷	9	=	
167	399	÷	7	=	
168	217	÷	7	=	
169	665	÷	7	=	
170	426	÷	6	=	
171	54	÷	2	=	
172	819	÷	9	=	
173	460	÷	5	=	
174	93	÷	3	=	
175	224	÷	4	=	

176	64	÷	4	=	
177	182	÷	7	=	
178	420	÷	6	=	
179	145	÷	5	=	
180	188	÷	2	=	
181	322	÷	7	=	
182	148	÷	4	=	
183	445	÷	5	=	
184	320	÷	5	=	
185	480	÷	6	=	
186	168	÷	8	=	
187	350	÷	5	=	
188	472	÷	8	=	
189	244	÷	4	=	
190	268	÷	4	=	
191	609	÷	7	=	
192	174	÷	2	=	
193	390	÷	6	=	
194	144	÷	2	=	
195	495	÷	9	=	
196	264	÷	8	=	
197	368	÷	4	=	
198	425	÷	5	=	
199	369	÷	9	=	
200	344	÷	4	=	