



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 F1, F2, F3	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	4	7	1	8	5	3	4	5	8	3	7	9	6	6	2	2	9	3	7	3	7	9	8	5	6
2	1	-1	4	2	5	8	-3	8	-2	8	9	1	6	5	7	6	-4	8	1	4	2	-2	3	5	5
3	7	6	3	-1	7	7	8	5	6	8	8	-7	3	-8	6	9	3	2	-7	9	3	8	9	-2	2
4	9	-8	1	5	3	4	2	7	-2	8	6	2	8	3	7	6	-8	2	2	1	3	6	9	4	2
5	8	9	9	-3	7	2	-4	9	5	2	9	7	6	5	8	8	8	6	-2	9	7	-3	9	-8	2
6	6	7	4	6	3	6	2	6	-8	9	5	-5	4	-6	9	5	5	4	9	9	6	1	9	9	2
7	7	-6	6	-4	9	5	-2	7	3	4	9	6	3	2	5	5	-1	5	-9	5	1	5	7	7	1
8	9	9	8	8	4	7	2	7	3	1	4	-7	9	-5	7	3	7	4	7	4	4	-4	6	-3	2
9	3	-2	2	-1	2	4	-3	7	9	6	5	9	1	3	5	2	-6	5	-4	3	2	7	1	1	2
10	5	7	2	3	8	5	3	8	-6	3	8	-9	4	-4	7	9	2	5	7	5	4	-4	7	-8	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	36	43	41	71	86	11	23	62	89	73	94	78	95	64	96	60	98	36	24	40	44	11	79	64	46
2	29	-28	41	36	81	88	83	32	39	66	51	59	55	94	92	31	15	80	76	63	39	95	68	70	21
3	74	68	38	35	29	29	-72	99	70	75	95	-66	59	13	57	79	81	12	-82	21	23	85	37	33	20
4	70	45	29	-83	83	87	68	51	-31	35	59	97	93	-93	49	43	-47	58	49	68	42	-59	69	-16	43
5	89	23	19	92	36	66	47	26	71	71	10	51	23	44	95	28	14	11	55	88	67	94	20	23	90
6	68	-47	83	-95	31	30	-90	17	-21	29	62	-86	70	-58	45	31	-83	56	-13	32	37	-20	86	-83	70
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													17	95	33	31	78	12	48	38	36	25	15	92	13
2	98	42	78	78	64	76	37	23	24	83	18	86	85	-25	98	36	-44	63	89	88	15	-19	66	29	59
3	63	64	38	-67	81	56	47	52	87	60	78	47	18	80	68	79	50	38	93	36	38	44	11	34	26
4	33	-32	21	68	87	87	90	98	-98	74	49	30	31	-64	38	84	-15	38	-28	28	60	33	29	-88	33
5	25	69	79	23	31	31	52	50	44	53	84	-75	77	86	81	86	76	61	13	62	76	70	54	80	83
6	38	17	34	-82	16	59	-46	76	58	24	15	22	40	93	68	18	47	93	-78	11	68	-74	29	-22	76
7	26	76	41	37	66	33	55	75	-99	23	15	-17	45	48	21	70	-73	65	47	32	14	47	81	27	39
8	89	-24	59	58	91	41	-68	38	21	37	28	93	22	-20	79	49	60	76	-70	51	22	-77	56	-37	93
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													66	50	16	56	69	17	30	97	82	69	92	87	83
2	51	59	82	87	76	48	70	60	89	40	92	71	23	94	80	39	26	31	39	68	30	56	91	32	49
3	75	37	92	-50	31	78	24	63	92	42	63	-39	76	-25	77	78	90	54	-22	46	56	44	92	96	46
4	35	-26	25	65	19	90	-43	29	-56	67	18	38	30	85	32	38	-17	98	59	71	66	74	43	47	50
5	34	31	89	10	64	81	42	84	79	49	29	85	92	46	53	75	97	45	31	47	30	40	31	-69	26
6	34	48	75	19	31	18	-45	54	35	16	46	-28	60	-98	77	26	-73	51	20	94	84	-39	87	76	35
7	59	55	97	-28	65	40	52	31	-58	31	89	98	91	67	54	98	35	62	63	91	32	75	57	12	31
8	35	-32	81	25	57	66	24	27	42	95	28	-94	75	-91	35	59	-43	73	-15	40	14	-60	46	-78	13
9	15	36	84	23	91	48	-97	44	38	91	22	43	64	13	81	66	12	62	47	27	44	44	83	30	41
10	74	-83	71	-54	92	99	88	63	-65	75	22	69	22	86	82	97	96	20	-74	66	39	-68	45	-57	32
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	928	X	4	=	
102	778	X	4	=	
103	505	X	6	=	
104	276	X	2	=	
105	540	X	8	=	
106	573	X	2	=	
107	657	X	5	=	
108	757	X	5	=	
109	265	X	8	=	
110	379	X	2	=	
111	312	X	6	=	
112	722	X	4	=	
113	875	X	6	=	
114	124	X	6	=	
115	108	X	8	=	
116	516	X	2	=	
117	555	X	2	=	
118	729	X	8	=	
119	754	X	9	=	
120	530	X	8	=	
121	713	X	6	=	
122	907	X	7	=	
123	115	X	9	=	
124	652	X	8	=	
125	332	X	4	=	

126	2	X	823	=	
127	8	X	797	=	
128	8	X	231	=	
129	3	X	778	=	
130	5	X	242	=	
131	2	X	661	=	
132	9	X	338	=	
133	3	X	429	=	
134	2	X	349	=	
135	9	X	842	=	
136	7	X	838	=	
137	3	X	390	=	
138	9	X	259	=	
139	2	X	312	=	
140	3	X	788	=	
141	2	X	160	=	
142	8	X	637	=	
143	8	X	617	=	
144	4	X	497	=	
145	4	X	113	=	
146	2	X	896	=	
147	3	X	220	=	
148	6	X	478	=	
149	6	X	123	=	
150	9	X	993	=	

151	165	÷	3	=	
152	112	÷	2	=	
153	77	÷	7	=	
154	112	÷	7	=	
155	258	÷	3	=	
156	441	÷	7	=	
157	235	÷	5	=	
158	148	÷	4	=	
159	651	÷	7	=	
160	399	÷	7	=	
161	320	÷	5	=	
162	372	÷	4	=	
163	225	÷	9	=	
164	81	÷	3	=	
165	285	÷	3	=	
166	265	÷	5	=	
167	192	÷	3	=	
168	96	÷	8	=	
169	217	÷	7	=	
170	490	÷	7	=	
171	114	÷	6	=	
172	186	÷	2	=	
173	567	÷	9	=	
174	156	÷	4	=	
175	310	÷	5	=	

176	1656	÷	9	=	
177	2268	÷	9	=	
178	1122	÷	2	=	
179	669	÷	3	=	
180	4410	÷	7	=	
181	2025	÷	9	=	
182	6408	÷	9	=	
183	4680	÷	9	=	
184	6520	÷	8	=	
185	1448	÷	8	=	
186	2997	÷	9	=	
187	4750	÷	5	=	
188	7888	÷	8	=	
189	2835	÷	9	=	
190	1272	÷	8	=	
191	2610	÷	3	=	
192	6328	÷	8	=	
193	4910	÷	5	=	
194	796	÷	4	=	
195	1596	÷	4	=	
196	7112	÷	8	=	
197	1156	÷	2	=	
198	7245	÷	9	=	
199	1178	÷	2	=	
200	4400	÷	5	=	