TOTAL MARKS	

14TH NATIONAL & 20TH INTERNATIONAL UCMAS ABACUS & MENTAL ARITHMETIC COMPETITION 2015

MARKS	X10=

Category: **L** **GRAND LEVEL**

M.A.

Addition/ Subtraction

DATE: 05 DECEMBER 2015
VENUE: UNIVERSITY OF DELHI

Time Limit: 8 Minutes

100 questions, each question carries 10 marks

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	5.39	5.68	5.08	5.08	7.11	5.80	7.77	9.83	9.26	9.04	4.50	8.62	7.26	5.13	6.63	6.82	6.56	9.35	9.86	5.45	5.59	9.78	1.47	7.27	5.14
2	4.18	5.63	8.28	7.78	1.86	7.53	5.15	6.03	7.02	7.98	3.64	9.28	9.01	5.77	1.94	7.31	3.53	9.87	8.74	9.42	6.83	7.13	5.15	5.49	9.19
3	3.57	−1.44	8.09	−5.80	7.82	−2.69	3.32	−5.49	9.38	−6.55	5.23	−2.52	2.40	−1.20	2.84	−5.72	3.63	−4.66	1.93	−2.68	1.49	−6.07	3.11	−5.37	4.58
4	8.64	6.35	8.68	7.55	4.58	7.01	1.53	7.47	6.81	8.48	7.85	9.58	1.55	6.35	9.89	9.55	3.22	9.25	4.60	9.30	9.81	5.57	9.36	6.62	7.54
5	2.26	5.34	8.86	5.59	8.17	9.23	3.21	6.13	3.20	7.05	3.53	7.95	9.38	7.86	5.29	8.34	5.43	6.45	9.82	8.40	1.20	5.72	4.42	9.59	9.18
6	6.62	−4.41	4.99	−2.76	2.44	−7.96	9.81	−1.52	2.18	−5.57	3.76	−9.31	2.92	−8.24	5.38	−3.37	2.16	−1.43	1.10	−1.06	4.16	−2.80	4.20	−1.92	5.01
7	1.38	5.28	6.99	8.41	1.70	8.71	9.79	7.65	9.67	9.43	2.25	6.61	5.44	8.44	4.81	5.36	7.03	8.13	2.13	5.60	5.18	5.09	6.19	9.63	2.70
8	5.79	5.73	4.90	7.46	6.52	9.21	1.68	7.32	2.95	9.85	7.60	5.52	3.49	6.88	9.56	9.49	3.55	6.66	1.74	7.19	8.16	8.32	3.16	5.42	5.31
9	6.01	−9.23	7.54	−4.03	3.91	−5.01	9.95	−2.47	8.83	−2.50	2.89	−2.58	7.06	−6.86	7.48	−4.18	8.59	−1.86	2.24	−2.48	2.30	−8.00	3.09	−2.35	7.03
10	6.02	3.60	8.77	7.41	1.22	3.84	5.33	4.95	1.28	1.27	9.98	2.34	5.48	2.33	5.99	4.31	4.37	3.67	7.55	2.53	5.67	4.29	5.61	4.58	9.68
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	53.31	6.03	13.20	92.89	3.14	41.22	1.97	74.50	9.89	81.86	89.74	70.91	6.39	90.51	7.21	84.76	3.53	4.32	71.96	83.28	40.52	1.03	89.10	95.70	5.38
2	1.69	74.82	2.15	3.57	68.12	50.55	4.27	6.31	31.93	26.21	9.80	7.83	85.22	1.68	70.52	54.09	5.61	7.15	9.44	4.09	77.04	7.17	5.32	7.65	91.35
3	69.37	−27.76	15.24	−41.63	9.74	−6.66	36.23	−29.31	8.90	−34.72	79.07	−40.08	3.82	−55.97	4.52	−6.84	31.55	−4.63	69.40	−1.75	2.71	−4.22	66.19	−46.36	94.59
4	3.56	90.74	1.19	8.81	90.25	40.36	12.25	4.70	68.04	41.83	4.43	2.56	88.75	81.22	9.88	5.96	7.62	22.19	3.00	51.95	6.23	92.30	4.96	3.24	7.89
5	67.64	5.21	78.62	56.52	7.19	6.53	6.89	68.02	1.68	9.86	91.15	89.21	7.66	9.17	83.50	29.44	52.34	78.19	38.42	85.50	82.04	4.40	36.35	90.40	1.81
6	6.84	−62.17	4.38	−3.70	18.77	−2.01	88.95	−3.66	84.75	−1.26	55.54	−66.49	30.70	−9.96	81.92	−9.32	42.08	−8.80	65.24	−39.30	4.25	−12.69	9.83	−2.40	92.49
7	44.92	82.15	48.60	9.60	91.73	74.48	8.09	88.50	7.08	91.59	9.88	85.09	33.18	49.81	35.21	73.41	72.65	7.36	9.35	9.83	11.75	84.92	70.27	7.90	74.67
8	7.30	3.90	4.34	55.83	4.07	8.15	28.81	7.53	68.65	6.74	6.77	7.36	5.82	32.83	2.35	8.61	4.23	83.46	38.87	9.10	5.51	3.22	1.48	50.79	2.19
9	6.18	−58.77	83.25	−5.65	54.36	−15.99	3.60	−36.99	3.12	−8.01	3.55	−8.10	88.44	−8.00	4.04	−8.28	17.43	−24.23	7.25	−1.89	91.94	−32.46	41.29	−6.19	2.61
10	53.93	1.27	6.86	66.16	4.42	1.70	14.95	4.42	97.58	8.78	43.98	8.89	3.63	1.58	46.24	40.93	9.94	95.93	3.07	47.16	9.44	60.72	3.18	36.98	18.12
Ans																									

14TH NATIONAL & 20TH INTERNATIONAL UCMAS ABACUS & MENTAL ARITHMETIC COMPETITION 2015

MARKS	X10=

Category: **L** **GRAND LEVEL**

M.A.

Addition/ Subtraction

DATE: 05 DECEMBER 2015
VENUE: UNIVERSITY OF DELHI

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	61.92	55.86	87.08	79.99	40.52	68.22	91.74	45.79	81.43	58.30	33.13	29.10	58.32	57.63	58.69	15.41	76.15	62.97	99.20	28.77	57.38	34.45	15.71	87.08	22.61
2	22.06	87.84	38.50	78.87	69.58	93.23	91.53	99.70	18.17	97.06	51.75	90.51	38.30	94.93	62.69	71.46	80.87	85.01	28.12	75.66	81.21	72.56	70.22	73.99	55.02
3	38.05	−22.67	92.91	−18.64	37.62	−37.81	21.16	−17.11	34.05	−37.82	21.79	−15.04	95.80	−50.76	41.57	−59.17	74.14	−30.70	95.78	−10.74	32.49	−63.14	31.72	−52.72	51.89
4	74.30	46.34	80.94	65.95	60.47	85.07	94.26	68.15	41.29	26.58	16.08	20.91	59.87	29.94	30.82	83.98	15.99	88.47	64.87	67.52	42.39	79.24	42.50	72.91	70.01
5	29.27	82.71	16.48	79.88	18.64	72.02	54.62	97.86	34.21	89.37	18.33	74.83	78.88	72.26	40.37	87.34	74.03	88.53	56.19	97.86	25.92	78.04	64.11	80.37	87.73
6	58.55	−47.76	54.14	−16.09	46.31	−16.85	22.46	−40.00	98.27	−59.56	40.55	−66.97	93.63	−22.86	79.95	−68.80	45.38	−45.64	63.34	−27.79	27.15	−15.53	21.30	−48.54	12.11
7	82.20	94.24	68.19	49.38	17.01	68.63	57.52	65.99	55.07	65.69	14.23	80.33	95.93	78.92	67.97	36.98	22.67	39.62	93.75	27.65	22.97	64.33	21.07	94.67	66.81
8	79.07	71.63	51.10	77.96	12.44	85.15	76.32	78.12	57.51	73.78	79.17	83.90	58.79	77.31	89.88	98.87	74.41	70.79	14.17	81.84	33.16	96.16	70.66	74.72	33.05
9	50.54	−29.72	54.09	−16.53	98.67	−15.77	87.25	−29.68	51.00	−62.42	64.87	−23.25	38.04	−20.71	31.78	−52.58	25.91	−46.58	82.18	−38.93	55.10	−60.04	44.40	−16.29	59.87
10	84.63	97.58	72.36	58.82	42.75	62.83	25.79	81.35	28.52	18.42	94.71	63.17	56.73	70.82	35.64	91.60	17.69	42.04	42.54	97.62	86.12	19.98	56.93	64.74	71.93
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	272.17	500.76	330.97	876.18	708.40	962.06	233.36	764.33	866.37	780.76	888.95	684.08	422.82	563.36	418.20	778.22	624.93	113.08	926.73	740.58	546.06	835.69	448.13	991.94	122.46
2	672.57	926.06	337.93	802.56	207.17	723.67	768.28	879.16	214.68	993.24	732.89	900.44	527.80	957.07	618.51	864.25	499.57	819.90	548.62	750.42	675.19	921.59	566.90	852.60	132.94
3	618.91	−274.09	209.15	−591.23	147.34	−637.18	941.98	−385.01	668.36	−314.85	339.58	−357.02	954.29	−588.08	337.01	−134.92	186.96	−123.56	376.32	−134.37	309.45	−122.90	691.42	−251.28	728.41
4	905.87	700.12	906.76	653.31	309.30	649.61	855.77	534.36	352.34	735.76	314.56	307.05	221.12	302.80	975.12	360.72	855.08	938.42	792.25	432.41	637.71	397.39	634.77	283.25	946.25
5	598.58	726.57	266.19	855.07	771.84	993.40	239.54	932.83	749.57	866.20	979.15	934.75	262.82	805.96	830.23	951.87	529.41	956.57	368.48	818.65	131.12	925.76	576.59	874.91	416.48
6	350.35	−612.71	526.94	−646.39	705.62	−629.25	324.04	−110.23	699.24	−156.86	976.50	−102.46	571.44	−551.08	978.29	−232.76	474.52	−388.06	544.96	−605.22	776.06	−285.54	284.71	−319.21	471.55
7	799.78	414.28	251.11	481.68	540.30	490.49	784.87	836.61	807.25	972.73	223.10	205.53	713.89	590.58	555.32	230.33	599.16	156.62	354.61	966.72	683.83	924.02	862.02	549.56	876.92
8	821.04	949.20	396.70	855.94	690.71	924.60	547.04	869.80	402.17	722.86	118.63	857.06	625.80	738.28	982.06	750.39	691.87	744.58	567.38	744.40	617.31	884.92	551.14	955.07	267.88
9	406.62	−485.75	913.13	−107.04	379.62	−184.42	193.12	−554.21	705.97	−511.35	525.74	−135.10	137.67	−157.52	725.06	−549.62	462.79	−147.01	928.33	−378.31	773.16	−368.75	295.15	−361.65	970.02
10	226.09	277.15	899.88	195.72	140.61	703.75	948.80	664.11	919.92	206.73	189.38	304.57	832.02	551.17	910.01	941.10	732.03	339.04	839.55	186.33	442.11	320.67	445.82	180.46	251.16
Ans																									

14TH NATIONAL & 20TH INTERNATIONAL UCMAS ABACUS & MENTAL ARITHMETIC COMPETITION 2015

MARKS	X5=

Category: L GRAND LEVEL

M.A.

Multiplication/ Division

DATE: 05 DECEMBER 2015
VENUE: UNIVERSITY OF DELHI

100 questions, each question carries 5 marks

1	26	×	947	=	
2	84	×	364	=	
3	28	×	543	=	
4	32	×	373	=	
5	49	×	796	=	
6	75	×	512	=	
7	38	×	955	=	
8	38	×	364	=	
9	29	×	429	=	
10	67	×	692	=	
11	54	×	478	=	
12	36	×	519	=	
13	276	×	84	=	
14	375	×	37	=	
15	732	×	94	=	
16	341	×	26	=	
17	735	×	92	=	
18	525	×	79	=	
19	381	×	95	=	
20	232	×	48	=	
21	909	×	67	=	
22	475	×	93	=	
23	859	×	52	=	
24	224	×	75	=	
25	568	×	58	=	

26	586	×	144	=	
27	352	×	326	=	
28	235	×	457	=	
29	594	×	825	=	
30	595	×	398	=	
31	543	×	234	=	
32	521	×	469	=	
33	258	×	378	=	
34	857	×	609	=	
35	598	×	492	=	
36	527	×	247	=	
37	349	×	276	=	
38	4,161	×	87	=	
39	8,459	×	89	=	
40	2,438	×	56	=	
41	2,506	×	73	=	
42	8,896	×	45	=	
43	5,554	×	23	=	
44	3,642	×	46	=	
45	4,168	×	86	=	
46	9,451	×	75	=	
47	7,609	×	52	=	
48	2,348	×	49	=	
49	5,079	×	28	=	
50	9,189	×	84	=	

51	2,418	÷	26	=	
52	7,125	÷	75	=	
53	7,644	÷	78	=	
54	1,824	÷	32	=	
55	1,755	÷	27	=	
56	1,012	÷	23	=	
57	3,538	÷	61	=	
58	5,168	÷	76	=	
59	2,100	÷	25	=	
60	3,397	÷	43	=	
61	2,232	÷	24	=	
62	4,725	÷	75	=	
63	4,180	÷	95	=	
64	2,046	÷	62	=	
65	1,664	÷	52	=	
66	2,465	÷	85	=	
67	2,256	÷	24	=	
68	3,577	÷	73	=	
69	6,764	÷	89	=	
70	3,255	÷	93	=	
71	3,185	÷	35	=	
72	1,976	÷	26	=	
73	1,600	÷	25	=	
74	4,929	÷	53	=	
75	1,152	÷	24	=	

76	29,312	÷	32	=	
77	55,968	÷	96	=	
78	87,792	÷	93	=	
79	51,684	÷	59	=	
80	69,657	÷	93	=	
81	57,720	÷	740	=	
82	41,735	÷	491	=	
83	48,034	÷	658	=	
84	39,698	÷	863	=	
85	57,290	÷	674	=	
86	685,693	÷	97	=	
87	204,281	÷	49	=	
88	313,989	÷	39	=	
89	687,176	÷	98	=	
90	629,356	÷	98	=	
91	320,840	÷	520	=	
92	330,220	÷	418	=	
93	558,361	÷	863	=	
94	189,254	÷	754	=	
95	630,238	÷	763	=	
96	493,983	÷	7,841	=	
97	242,145	÷	5,381	=	
98	170,352	÷	2,704	=	
99	236,484	÷	6,569	=	
100	425,334	÷	7,462	=	