

**14TH NATIONAL & 20TH INTERNATIONAL
UCMAS ABACUS & MENTAL ARITHMETIC
COMPETITION 2015 - MOCK PAPER**

TOTAL MARKS	
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MARKS	X10=
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Category: **K** **ADVANCE**

M.A.
Addition/ Subtraction

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	.79	6.13	.78	9.74	.37	.59	6.32	.69	4.44	.65	8.69	.47	7.66	7.19	.34	.89	3.82	6.30	.69	7.46	.57	.57	7.88	2.78	.45
2	8.27	.70	.98	.71	8.69	8.11	.70	7.53	.39	5.93	.82	5.43	.87	.79	6.15	8.71	.47	.63	6.36	.93	3.61	9.61	.87	.47	6.35
3	.46	-.69	8.49	-5.11	.93	-3.10	6.89	-.32	7.35	-.29	8.49	-.74	2.50	-8.13	.96	-.40	.45	-.38	.36	-8.07	.52	.85	3.58	-8.38	.40
4	7.56	2.36	.57	.54	4.23	.44	5.47	8.27	.80	8.17	.91	.83	.36	8.73	.81	9.44	7.29	.53	4.08	.97	6.76	6.05	.78	7.46	.94
5	.53	.24	5.00	.49	4.76	7.90	.96	.42	.66	.65	5.89	8.99	2.84	.99	9.13	.73	8.27	6.35	.38	9.58	6.96	.39	8.38	.60	9.13
6	5.43	-2.75	.61	-.67	.59	-2.67	.50	-5.83	.95	-4.48	.85	-9.39	7.02	-5.06	7.63	-3.86	.37	-3.55	3.52	-2.74	4.50	-7.49	.47	-2.28	.60
7	.68	9.34	4.84	8.98	8.90	2.91	.91	.43	9.27	.39	5.10	6.29	.55	.73	.83	.71	4.21	.41	.91	6.08	.63	6.56	.70	2.80	5.11
8	3.36	.87	5.22	.62	5.97	.66	7.08	9.48	3.13	7.96	.47	.88	.87	7.88	4.22	5.13	.47	8.07	2.67	.90	.48	.69	9.42	.99	7.43
9	.71	-5.91	.67	-4.63	.38	-.91	6.61	-.87	.58	-8.26	9.31	-5.38	.82	-.30	9.88	-2.73	.50	-2.36	.52	-.52	8.36	-.85	.68	-3.41	.98
10	7.63	.45	9.53	8.77	.34	.65	.70	3.01	5.20	.77	.84	.42	9.79	.68	.34	.55	6.93	.51	3.40	.64	.42	7.71	3.88	.64	9.54
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	6.88	5.68	9.73	8.09	9.48	6.17	9.13	6.89	6.72	5.81	7.52	8.18	7.23	5.62	9.09	7.63	9.59	6.39	7.48	6.30	9.77	5.88	9.24	8.04	7.95
2	2.67	3.13	5.78	9.88	9.61	5.98	4.44	9.20	9.64	6.12	5.24	9.15	4.37	3.40	5.56	4.24	4.33	7.89	6.63	8.41	4.40	3.04	5.95	5.15	7.74
3	3.23	-7.02	6.75	-2.58	8.08	-9.97	8.77	-8.06	5.41	-4.35	4.86	-3.18	4.39	-6.41	8.95	-5.98	8.35	-6.95	6.94	-3.20	5.09	-3.46	3.64	-3.30	8.28
4	5.17	6.22	9.19	2.37	3.71	3.98	8.57	9.00	7.10	4.26	3.73	2.98	5.98	9.33	7.24	5.02	9.52	3.82	6.96	4.50	4.65	3.16	7.87	3.38	9.75
5	3.79	4.75	4.35	7.87	4.28	5.58	9.40	5.73	5.09	6.21	7.77	9.87	8.10	9.41	5.89	6.52	6.95	9.60	4.59	7.63	7.43	6.01	8.44	6.87	9.97
6	6.71	-4.07	6.73	-5.27	8.78	-3.53	2.80	-5.23	5.46	-3.27	5.37	-5.55	2.36	-4.55	6.20	-4.57	7.96	-5.04	9.58	-5.01	9.16	-5.23	8.14	-3.57	7.64
7	5.52	4.70	3.43	7.90	3.01	8.42	4.13	7.38	8.43	4.37	6.92	3.60	7.05	4.62	4.96	6.86	9.28	5.77	9.69	6.48	7.09	6.87	5.16	9.15	4.61
8	4.84	4.97	8.94	4.63	5.84	4.60	5.25	5.10	5.80	4.51	9.29	9.60	2.85	4.60	9.06	9.17	8.78	5.39	4.82	3.08	8.18	3.10	9.26	5.51	7.59
9	6.75	-5.90	7.81	-5.37	9.62	-7.40	7.80	-7.99	3.85	-9.16	9.88	-5.74	3.58	-6.10	9.41	-8.73	2.87	-5.50	9.54	-7.91	8.23	-4.00	5.61	-9.22	8.03
10	3.06	5.20	6.18	5.79	7.95	7.07	9.96	5.80	7.14	2.39	9.44	4.74	8.72	5.65	4.89	7.76	9.51	7.27	6.89	7.74	3.87	6.84	3.02	8.66	4.86
Ans																									

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UCMAS ABACUS & MENTAL ARITHMETIC
COMPETITION 2015 - MOCK PAPER**

MARKS	X10=
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Category:

K

ADVANCE

M.A.
Addition/ Subtraction

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	51.05	7.29	5.28	74.70	1.70	95.13	5.41	1.77	8.75	81.00	94.64	90.06	4.34	3.21	5.41	92.63	63.84	89.04	91.72	7.88	60.47	99.12	86.34	99.94	7.60
2	4.61	6.83	84.74	9.72	37.01	3.66	4.03	31.45	98.18	5.05	6.93	5.23	6.49	62.72	50.13	89.41	9.74	7.09	31.40	19.90	9.31	61.73	6.00	7.31	16.08
3	79.71	-6.30	50.49	-48.38	9.54	-22.69	53.00	-2.18	7.56	-27.98	6.46	-9.10	48.78	-56.53	7.17	-4.98	77.54	-34.40	4.79	-9.62	22.65	-22.34	1.18	-6.45	18.72
4	3.96	1.26	5.94	76.87	43.92	7.09	6.51	8.76	11.76	58.41	99.83	85.51	61.80	5.83	29.91	23.88	4.70	1.12	5.20	3.11	8.51	6.96	67.97	18.76	1.53
5	2.07	54.20	52.14	1.72	5.54	94.64	2.47	36.59	28.38	5.91	34.46	7.75	5.62	43.85	56.30	4.11	80.19	41.86	7.48	74.73	7.30	53.18	9.00	3.95	44.84
6	94.76	-43.07	6.30	-32.48	98.53	-32.38	44.29	-41.75	7.06	-9.18	7.53	-54.23	29.38	-2.95	95.85	-29.10	9.08	-5.39	89.34	-47.99	84.43	-9.13	69.30	-6.28	5.42
7	3.73	3.06	17.05	39.03	1.22	4.89	62.92	3.93	8.01	61.28	5.15	84.75	8.76	37.54	2.65	23.44	50.94	72.70	28.06	1.30	31.83	68.40	7.40	79.31	90.36
8	50.75	88.60	2.02	1.20	97.10	9.15	8.15	74.95	85.81	4.70	34.18	1.77	53.67	6.51	9.75	5.33	5.19	19.53	47.10	9.77	9.90	5.26	74.47	7.72	7.37
9	9.95	-52.28	94.90	-6.86	6.50	-52.37	82.99	-8.33	58.41	-42.26	55.62	-3.36	5.25	-51.62	9.20	-5.41	31.43	-4.29	6.03	-23.84	9.32	-36.88	1.24	-41.83	5.89
10	74.75	28.80	9.19	4.42	94.54	4.96	81.99	16.79	7.61	4.09	1.58	89.56	40.73	6.44	50.15	6.70	1.71	8.06	52.39	32.06	44.28	6.00	12.61	63.85	62.51
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	66.75	85.53	70.95	73.58	65.23	66.94	93.76	91.94	91.70	53.23	87.16	96.65	99.61	99.90	92.73	90.87	81.60	74.94	76.01	61.39	91.42	84.02	68.79	56.56	95.98
2	37.02	73.28	62.51	98.96	46.46	72.78	41.58	61.46	31.47	91.08	26.10	52.76	94.98	61.91	85.57	97.89	89.17	32.80	70.55	68.15	46.62	26.15	77.89	84.02	94.89
3	32.45	-49.76	99.50	-28.11	95.14	-51.74	27.81	-41.04	53.29	-86.56	42.94	-35.68	33.68	-62.22	42.71	-83.27	93.91	-66.44	85.81	-33.91	95.27	-70.87	86.23	-82.86	25.55
4	25.28	81.21	55.84	30.61	23.48	61.51	39.00	34.25	97.17	36.94	58.37	51.43	30.54	47.96	70.95	39.02	97.25	83.69	35.71	22.90	76.05	29.94	30.73	60.05	73.49
5	62.66	94.67	73.77	75.09	68.02	31.31	50.79	48.85	69.93	53.94	70.60	84.51	61.76	87.21	80.10	97.40	85.53	65.89	84.21	60.59	94.61	83.30	91.79	94.02	45.30
6	50.15	-40.08	24.13	-66.83	52.07	-37.75	57.98	-97.58	40.71	-76.02	59.09	-91.55	30.44	-79.65	36.81	-42.52	31.68	-25.11	53.10	-98.83	81.65	-56.18	53.61	-56.39	69.87
7	77.53	78.15	79.25	72.52	98.99	25.99	39.66	76.44	50.63	92.93	49.74	89.03	59.54	96.02	40.16	84.68	75.29	38.85	35.27	67.97	55.81	31.43	78.85	24.24	98.65
8	78.49	69.75	53.53	52.09	63.60	83.89	29.67	94.94	51.28	37.03	38.45	40.12	70.74	27.63	93.36	34.69	71.94	44.27	59.40	72.90	22.50	46.11	71.85	55.14	59.26
9	83.55	-69.37	52.03	-72.35	30.02	-84.19	73.87	-45.00	39.06	-87.70	90.14	-82.97	70.61	-73.47	84.84	-54.45	32.55	-40.84	50.10	-36.23	56.20	-93.29	99.27	-27.27	66.60
10	76.02	52.19	25.33	82.22	75.66	72.01	85.71	99.98	69.83	94.18	79.55	68.77	75.33	73.69	45.71	83.12	48.08	81.03	91.89	79.72	79.25	74.51	78.50	93.86	60.25
Ans																									

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MARKS	X5=
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Category: **K** **ADVANCE**

M.A.
Multiplication/ Division

100 questions, each question carries 5 marks

1	$370 \times 92 =$
2	$873 \times 13 =$
3	$963 \times 41 =$
4	$759 \times 38 =$
5	$277 \times 37 =$
6	$562 \times 94 =$
7	$881 \times 62 =$
8	$660 \times 51 =$
9	$421 \times 28 =$
10	$855 \times 38 =$
11	$487 \times 29 =$
12	$334 \times 50 =$
13	$395 \times 39 =$
14	$796 \times 44 =$
15	$226 \times 87 =$
16	$115 \times 89 =$
17	$824 \times 21 =$
18	$612 \times 92 =$
19	$178 \times 30 =$
20	$295 \times 20 =$
21	$711 \times 49 =$
22	$851 \times 26 =$
23	$130 \times 37 =$
24	$371 \times 55 =$
25	$121 \times 76 =$

26	$1,961 \times 55 =$
27	$2,441 \times 32 =$
28	$3,198 \times 82 =$
29	$3,978 \times 79 =$
30	$5,101 \times 43 =$
31	$4,318 \times 46 =$
32	$9,359 \times 45 =$
33	$2,495 \times 60 =$
34	$2,572 \times 22 =$
35	$6,113 \times 31 =$
36	$6,359 \times 14 =$
37	$5,412 \times 98 =$
38	$4,750 \times 94 =$
39	$3,433 \times 84 =$
40	$6,579 \times 13 =$
41	$4,357 \times 65 =$
42	$7,039 \times 49 =$
43	$5,648 \times 44 =$
44	$9,927 \times 51 =$
45	$2,818 \times 72 =$
46	$2,176 \times 86 =$
47	$8,547 \times 99 =$
48	$7,117 \times 16 =$
49	$6,776 \times 60 =$
50	$9,666 \times 92 =$

51	$6,650 \div 95 =$
52	$6,693 \div 97 =$
53	$3,082 \div 67 =$
54	$4,560 \div 48 =$
55	$2,736 \div 38 =$
56	$8,460 \div 90 =$
57	$8,640 \div 96 =$
58	$2,300 \div 50 =$
59	$3,024 \div 63 =$
60	$3,870 \div 45 =$
61	$1,813 \div 37 =$
62	$3,016 \div 58 =$
63	$2,479 \div 67 =$
64	$5,376 \div 56 =$
65	$3,360 \div 84 =$
66	$8,415 \div 85 =$
67	$3,960 \div 40 =$
68	$1,886 \div 46 =$
69	$6,336 \div 72 =$
70	$4,700 \div 94 =$
71	$2,784 \div 58 =$
72	$5,402 \div 73 =$
73	$3,666 \div 39 =$
74	$2,673 \div 33 =$
75	$3,984 \div 83 =$

76	$26,611 \div 89 =$
77	$36,993 \div 59 =$
78	$39,964 \div 97 =$
79	$25,740 \div 99 =$
80	$39,039 \div 91 =$
81	$48,639 \div 93 =$
82	$69,864 \div 82 =$
83	$25,355 \div 55 =$
84	$53,889 \div 69 =$
85	$44,256 \div 96 =$
86	$15,280 \div 382 =$
87	$13,000 \div 520 =$
88	$31,395 \div 455 =$
89	$32,000 \div 500 =$
90	$10,660 \div 260 =$
91	$29,064 \div 346 =$
92	$39,456 \div 548 =$
93	$43,206 \div 758 =$
94	$60,732 \div 723 =$
95	$45,684 \div 972 =$
96	$24,380 \div 460 =$
97	$39,463 \div 589 =$
98	$66,785 \div 703 =$
99	$64,430 \div 758 =$
100	$27,261 \div 699 =$