



Mental Arithmetic Certification Exam

Level:Advanced (A)

Chapter 15

Time:5 min(A+B)

Each Q:10 marks

Score

NO.	1	2	3	4	5	6	7	8	9	10
1	\$ 39.38	\$ 5.21	\$ 9.18	\$ 5.64	\$ 1.53	\$ 90.85	\$ 5.34	\$ 10.52	\$ 5.67	\$ 9.07
2	9.20	8.70	4.23	-4.25	78.23	70.29	-2.13	7.61	89.16	10.92
3	1.57	43.26	90.50	40.32	60.04	2.14	3.70	5.90	-30.48	45.63
4	96.15	-4.65	13.76	59.19	7.96	6.05	50.56	76.42	5.42	4.12
5	86.48	7.69	22.58	-60.18	47.10	37.68	65.48	49.74	70.82	95.78
6	7.02	-14.01	6.02	-3.70	2.37	1.84	7.29	2.98	-9.23	1.80
7	70.54	65.28	73.14	8.01	89.28	52.14	-92.67	1.30	-8.30	2.67
8	29.16	-90.73	7.89	6.27	5.46	13.97	1.06	3.47	75.09	1.48
9	2.43	9.38	69.71	34.57	24.91	9.36	-29.84	35.68	7.13	26.34
10	3.78	50.14	6.54	83.98	8.56	3.50	10.89	83.81	56.41	69.53
Ans	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ans										
NO.	11	12	13	14	15	16	17	18	19	20
1	\$ 78.67	\$ 2.91	\$ 2.01	\$ 6.42	\$ 6.72	\$ 10.46	\$ 28.10	\$ 3.25	\$ 5.32	\$ 99.02
2	4.03	6.39	67.48	8.26	33.10	8.93	60.91	42.10	2.76	6.51
3	41.52	92.47	3.82	71.53	25.17	41.98	-3.72	90.01	24.03	8.51
4	9.27	-10.84	40.96	8.92	8.69	7.32	8.67	4.56	-7.83	12.87
5	83.84	60.65	57.58	7.18	80.41	16.70	71.56	59.62	80.58	49.30
6	5.91	4.79	1.50	-84.69	9.54	8.09	9.08	6.17	-8.67	3.42
7	4.29	5.06	1.36	35.07	63.24	7.65	-84.20	27.38	51.90	78.90
8	8.65	-3.87	79.20	-24.90	9.87	70.21	-4.93	19.84	1.94	30.15
9	50.13	-28.20	4.65	10.31	2.58	55.24	35.73	3.75	-62.41	3.67
10	36.70	11.53	93.49	-5.37	96.03	3.45	6.45	9.84	45.69	6.74
Ans	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ans										



Mental Arithmetic Certification Exam

Level: Advanced (B)

Chapter 15

Time: 5 min(A+B) Each Q: 10 marks

NO.	21	22	23	24	25	26	27	28	29	30
1	\$ 1.97	\$ 73.48	\$ 289.27	\$ 74.30	\$ 935.10	\$ 3.82	\$ 917.21	\$ 81.69	\$ 5.32	\$ 85.73
2	40.62	-19.21	44.85	-1.28	412.19	506.39	-2.43	609.76	916.14	92.51
3	504.31	-3.82	690.35	-68.94	4.86	610.69	9.60	3.78	-27.26	8.94
4	29.87	46.30	12.08	137.54	24.57	1.45	-437.48	20.25	60.16	454.38
5	364.35	27.16	1.67	9.67	3.07	84.02	23.65	2.15	-1.73	76.07
6	74.50	909.57	304.57	83.02	53.71	24.70	72.87	436.04	704.89	302.89
7	6.29	9.07	71.49	906.75	70.98	7.63	509.15	92.45	-835.98	10.29
8	895.28	350.14	3.26	-242.81	802.43	92.98	84.03	73.17	59.50	261.37
9	6.71	-685.42	59.36	50.13	2.96	47.15	6.91	153.89	2.47	6.10
10	13.08	8.65	1.80	9.56	66.85	371.58	-60.58	4.80	48.03	5.64
Ans	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ans										
NO.	31	32	33	34	35	36	37	38	39	40
1	\$ 79.62	\$ 90.37	\$ 31.79	\$ 88.02	\$ 162.79	\$ 88.96	\$ 68.10	\$ 307.94	\$ 43.64	\$ 86.15
2	4.02	611.96	2.64	166.75	303.24	20.43	-3.07	2.45	-1.54	6.87
3	920.58	-32.04	3.96	-70.61	8.16	905.17	20.84	11.75	76.97	30.56
4	601.63	-258.53	450.27	-1.34	92.70	35.30	784.56	9.18	-60.52	504.29
5	48.69	409.85	82.03	309.85	7.91	76.85	-307.89	63.80	506.34	72.94
6	81.40	-8.25	1.63	44.30	86.35	147.02	6.54	73.58	39.87	963.48
7	133.97	81.46	907.85	-257.59	240.18	9.76	949.21	420.64	818.03	29.70
8	2.75	2.97	74.85	94.96	5.38	561.49	-57.23	3.02	-922.90	411.37
9	54.53	6.31	11.59	7.23	59.04	8.21	15.96	97.96	7.12	8.32
10	7.81	74.70	268.40	2.18	74.56	2.34	3.12	852.61	5.81	5.01
Ans	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Ans										

Mental Arithmetic Certification Exam



Level:Advanced

Chapter 15

Multiplication (x) (A)

Time:5 min(A+B) Each Q:5 marks

Unit : (1~20) 2Dx2D ◦ (21~40) 3Dx2D、2Dx3D ◦

Score

1	$70 \times 12 =$	21	$54 \times 761 =$
2	$31 \times 59 =$	22	$73 \times 609 =$
3	$75 \times 28 =$	23	$105 \times 29 =$
4	$46 \times 80 =$	24	$32 \times 890 =$
5	$51 \times 86 =$	25	$267 \times 47 =$
6	$84 \times 27 =$	26	$95 \times 481 =$
7	$95 \times 61 =$	27	$602 \times 13 =$
8	$60 \times 92 =$	28	$28 \times 508 =$
9	$39 \times 20 =$	29	$418 \times 75 =$
10	$71 \times 34 =$	30	$334 \times 35 =$
11	$50 \times 63 =$	31	$910 \times 97 =$
12	$93 \times 90 =$	32	$57 \times 402 =$
13	$81 \times 49 =$	33	$680 \times 82 =$
14	$37 \times 58 =$	34	$76 \times 416 =$
15	$40 \times 65 =$	35	$21 \times 389 =$
16	$52 \times 87 =$	36	$840 \times 15 =$
17	$26 \times 30 =$	37	$139 \times 46 =$
18	$68 \times 41 =$	38	$94 \times 263 =$
19	$74 \times 97 =$	39	$956 \times 37 =$
20	$42 \times 13 =$	40	$78 \times 520 =$

Mental Arithmetic Certification Exam

Level:Advanced

Chapter 15



Multiplication (x) (B)

Time:5 min(A+B) Each Q:5 marks

Unit : 3Dx3D、2Dx4D、4Dx2D

41	$6,193 \times 47 =$	61	$57 \times 4,836 =$
42	$9,073 \times 72 =$	62	$46 \times 6,910 =$
43	$854 \times 932 =$	63	$5,649 \times 72 =$
44	$518 \times 460 =$	64	$323 \times 419 =$
45	$74 \times 8,236 =$	65	$7,028 \times 75 =$
46	$91 \times 3,408 =$	66	$986 \times 256 =$
47	$465 \times 172 =$	67	$140 \times 780 =$
48	$236 \times 150 =$	68	$823 \times 165 =$
49	$367 \times 598 =$	69	$601 \times 937 =$
50	$804 \times 216 =$	70	$398 \times 251 =$
51	$32 \times 5,561 =$	71	$21 \times 8,043 =$
52	$4,590 \times 89 =$	72	$6,859 \times 17 =$
53	$9,027 \times 41 =$	73	$503 \times 968 =$
54	$713 \times 203 =$	74	$614 \times 720 =$
55	$680 \times 497 =$	75	$480 \times 501 =$
56	$852 \times 351 =$	76	$15 \times 2,394 =$
57	$912 \times 834 =$	77	$271 \times 640 =$
58	$784 \times 690 =$	78	$4,972 \times 38 =$
59	$62 \times 8,075 =$	79	$970 \times 324 =$
60	$105 \times 679 =$	80	$573 \times 589 =$

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Level:Advanced

Chapter 15

Division ($\div$) (A)

Time:5 min(A+B) Each Q:5 marks

Unit: (1~20) $4D \div 2D$ 。 (21~40) $5D \div 2D$ 、 $5D \div 3D$ 。

Score

1	$2,952 \div 72 =$	21	$34,486 \div 802 =$
2	$2,950 \div 59 =$	22	$3,690 \div 18 =$
3	$380 \div 20 =$	23	$12,064 \div 416 =$
4	$5,917 \div 61 =$	24	$63,650 \div 95 =$
5	$448 \div 28 =$	25	$16,240 \div 580 =$
6	$3,818 \div 46 =$	26	$62,855 \div 65 =$
7	$3,060 \div 34 =$	27	$31,577 \div 347 =$
8	$2,538 \div 94 =$	28	$8,896 \div 64 =$
9	$4,240 \div 80 =$	29	$62,390 \div 734 =$
10	$5,655 \div 87 =$	30	$22,432 \div 32 =$
11	$1,302 \div 62 =$	31	$51,352 \div 917 =$
12	$3,420 \div 57 =$	32	$14,429 \div 47 =$
13	$4,292 \div 74 =$	33	$23,904 \div 96 =$
14	$2,520 \div 30 =$	34	$45,666 \div 531 =$
15	$5,103 \div 81 =$	35	$61,500 \div 820 =$
16	$2,170 \div 31 =$	36	$24,072 \div 68 =$
17	$1,568 \div 32 =$	37	$22,410 \div 27 =$
18	$3,120 \div 40 =$	38	$36,982 \div 902 =$
19	$5,208 \div 56 =$	39	$7,434 \div 59 =$
20	$2,275 \div 91 =$	40	$26,040 \div 310 =$

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Level:Advanced

Chapter 15

Division ($\div$) (B)

Time:5 min(A+B) Each Q:5 marks

Unit:6D $\div$ 2D、6D $\div$ 3D、6D $\div$ 4D。

41	$422,418 \div 46 =$	61	$194,480 \div 748 =$
42	$140,868 \div 301 =$	62	$419,608 \div 56 =$
43	$49,270 \div 1,895 =$	63	$399,923 \div 8,509 =$
44	$156,978 \div 54 =$	64	$53,760 \div 192 =$
45	$304,920 \div 8,470 =$	65	$54,495 \div 315 =$
46	$656,355 \div 931 =$	66	$191,572 \div 2,038 =$
47	$406,098 \div 462 =$	67	$466,026 \div 614 =$
48	$38,360 \div 280 =$	68	$539,400 \div 870 =$
49	$453,908 \div 754 =$	69	$306,125 \div 31 =$
50	$101,985 \div 195 =$	70	$91,560 \div 210 =$
51	$99,910 \div 206 =$	71	$360,220 \div 62 =$
52	$383,946 \div 719 =$	72	$505,452 \div 73 =$
53	$295,337 \div 9,527 =$	73	$104,234 \div 5,486 =$
54	$288,444 \div 43 =$	74	$587,512 \div 713 =$
55	$48,832 \div 3,052 =$	75	$106,539 \div 2,089 =$
56	$184,320 \div 768 =$	76	$152,640 \div 954 =$
57	$169,641 \div 183 =$	77	$181,832 \div 476 =$
58	$395,970 \div 670 =$	78	$39,105 \div 237 =$
59	$329,550 \div 39 =$	79	$181,130 \div 590 =$
60	$51,992 \div 268 =$	80	$789,910 \div 946 =$