

# SMA abacus



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SMAABACUS - TALENT CONTEST 2015-2016

LEVEL - 7

Name

Teachers Copy

Group

Std

Level

(Level attended for online Talent Contest)

Reg. No

Centre Name

For office use only

With out Abacus - Multiplication (160 marks)

=

With Abacus - Division (160 marks)

=

With out Abacus (640 marks)

=

With Abacus (360 marks)

=

**Total Marks = \_\_\_\_\_ / 1320**

Evaluated by, Name and Sign:

Tabulated by, Name and Sign:



## LEVEL - 7 (Page 1)

| Multiplication (Without Abacus) Time Limit: 2min 30sec Time Taken:<br>40 Q x 4 marks (160 marks) |                |                |                |
|--------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| 21 x 46 = 966                                                                                    | 12 x 95 = 1140 | 63 x 46 = 2898 | 69 x 73 = 5037 |
| 29 x 61 = 1769                                                                                   | 45 x 73 = 3285 | 16 x 14 = 224  | 93 x 53 = 4929 |
| 68 x 18 = 1224                                                                                   | 18 x 63 = 1134 | 36 x 50 = 1800 | 39 x 12 = 468  |
| 46 x 74 = 3404                                                                                   | 71 x 61 = 4331 | 70 x 71 = 4970 | 57 x 31 = 1767 |
| 68 x 88 = 5984                                                                                   | 48 x 80 = 3840 | 33 x 72 = 2376 | 90 x 95 = 8550 |
| 70 x 56 = 3920                                                                                   | 32 x 64 = 2048 | 81 x 29 = 2349 | 78 x 93 = 7254 |
| 36 x 38 = 1368                                                                                   | 32 x 70 = 2240 | 59 x 16 = 944  | 81 x 67 = 5427 |
| 29 x 89 = 2581                                                                                   | 99 x 69 = 6831 | 98 x 31 = 3038 | 20 x 34 = 680  |
| 91 x 67 = 6097                                                                                   | 70 x 74 = 5180 | 35 x 61 = 2135 | 72 x 30 = 2160 |
| 97 x 38 = 3686                                                                                   | 38 x 81 = 3078 | 89 x 97 = 8633 | 67 x 37 = 2479 |

| Division (Without Abacus) 1 deci Time Limit: 3min 30sec Time Taken:<br>Mark : 40 Qx 4 marks(160 marks) |               |               |               |
|--------------------------------------------------------------------------------------------------------|---------------|---------------|---------------|
| 92 ÷ 42 = 2.1                                                                                          | 89 ÷ 23 = 3.8 | 81 ÷ 48 = 1.6 | 69 ÷ 42 = 1.6 |
| 69 ÷ 44 = 1.5                                                                                          | 75 ÷ 26 = 2.8 | 83 ÷ 54 = 1.5 | 77 ÷ 33 = 2.3 |
| 93 ÷ 28 = 3.3                                                                                          | 80 ÷ 35 = 2.2 | 63 ÷ 51 = 1.2 | 62 ÷ 14 = 4.4 |
| 60 ÷ 36 = 1.6                                                                                          | 56 ÷ 40 = 1.4 | 72 ÷ 37 = 1.9 | 57 ÷ 46 = 1.2 |
| 58 ÷ 39 = 1.4                                                                                          | 63 ÷ 11 = 5.7 | 92 ÷ 27 = 3.4 | 73 ÷ 47 = 1.5 |
| 61 ÷ 47 = 1.2                                                                                          | 76 ÷ 52 = 1.4 | 74 ÷ 47 = 1.5 | 73 ÷ 15 = 4.8 |
| 79 ÷ 43 = 1.8                                                                                          | 55 ÷ 38 = 1.4 | 99 ÷ 49 = 2.0 | 57 ÷ 29 = 1.9 |
| 60 ÷ 45 = 1.3                                                                                          | 88 ÷ 15 = 5.8 | 94 ÷ 28 = 3.3 | 61 ÷ 13 = 4.6 |
| 76 ÷ 31 = 2.4                                                                                          | 99 ÷ 42 = 2.3 | 79 ÷ 28 = 2.8 | 62 ÷ 49 = 1.2 |
| 81 ÷ 37 = 2.1                                                                                          | 72 ÷ 40 = 1.8 | 91 ÷ 15 = 6.0 | 60 ÷ 42 = 1.4 |





# LEVEL - 7 (Page2)

Without Abacus

Time Limit: 3 min

Time Taken:

Mark : 180

| 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3.94  | 3.38  | 6.10  | 2.16  | 5.09  | 1.76  | 6.26  | 2.14  | 6.19  | 2.58  |
| 6.15  | 4.36  | 3.15  | 3.62  | -2.87 | 5.45  | 9.05  | 1.65  | 4.92  | -7.98 |
| 5.40  | -4.10 | 5.23  | -5.70 | 8.85  | -1.28 | 4.05  | -5.31 | -1.57 | 3.34  |
| 3.97  | 5.42  | -1.52 | 3.01  | 8.94  | 4.35  | -1.69 | 7.36  | 4.04  | 5.01  |
| -3.43 | 6.36  | 4.43  | -3.50 | 4.50  | -3.85 | 1.33  | -4.27 | -9.10 | -3.66 |
| -5.29 | 4.91  | 8.94  | 6.44  | 4.34  | 2.18  | 5.83  | 3.77  | 1.69  | 5.72  |
| 10.74 | 20.33 | 26.33 | 6.03  | 28.85 | 8.61  | 24.83 | 5.34  | 6.17  | 5.01  |

Mark : 140

| 1     | 2      | 3      | 4     | 5      | 6     | 7      | 8      | 9      | 10    |
|-------|--------|--------|-------|--------|-------|--------|--------|--------|-------|
| 3,677 | 5,400  | 2,815  | 3,954 | 6,899  | 3,365 | 8,017  | 5,876  | 6,923  | 7,022 |
| 2,891 | -1,822 | -1,969 | 7,200 | -2,292 | 1,812 | -6,135 | -2,163 | -4,968 | 4,194 |
| 7,938 | 7,011  | 8,468  | 4,769 | 5,139  | 1,805 | 9,531  | 7,001  | 9,355  | 1,227 |
| 14506 | 10589  | 9314   | 15923 | 9746   | 6982  | 11413  | 10714  | 11310  | 12443 |

Mark : 180

| 1     | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9     | 10    |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2.84  | 5.17  | 5.75  | 1.39  | 2.01  | 2.59  | 4.16  | 8.37  | 3.53  | 5.65  |
| 5.81  | 4.13  | 4.27  | 6.49  | 1.89  | 6.15  | 9.25  | 4.74  | 3.45  | -6.75 |
| 4.46  | -1.74 | -8.65 | -5.65 | -6.84 | 3.87  | -3.31 | -2.41 | -3.09 | 6.65  |
| -9.64 | 6.51  | 6.39  | 1.12  | 5.41  | -6.06 | 8.14  | 8.98  | 2.87  | -1.90 |
| 3.12  | 4.34  | -2.45 | -2.84 | -9.17 | 5.63  | 3.66  | -3.71 | -7.96 | 1.81  |
| -8.15 | 3.22  | 8.35  | 3.27  | 4.52  | -7.18 | 2.89  | 4.54  | 2.85  | 6.08  |
| 7.56  | 21.63 | 13.66 | 3.78  | 2.18  | 5.00  | 24.79 | 20.51 | 1.65  | 11.54 |

Mark : 140

| 1      | 2      | 3      | 4      | 5      | 6     | 7      | 8      | 9      | 10     |
|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|
| 4,309  | 4,931  | 3,333  | 8,756  | 9,490  | 4,506 | 8,547  | 5,916  | 7,973  | 7,001  |
| -1,298 | 8,327  | -1,526 | -6,497 | -2,411 | 1,383 | -6,369 | -2,151 | -2,524 | 7,865  |
| 8,794  | -6,604 | 9,170  | 3,348  | 3,047  | 1,604 | 8,185  | 7,023  | 9,892  | -5,801 |
| 11,805 | 6654   | 10,977 | 5607   | 10126  | 7493  | 10363  | 10788  | 15341  | 9065   |



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# LEVEL - 7 (Page3)

With Abacus

Time Limit: 3 min

Time Taken:

(18 marks each, 20 Q x 18 = 360 marks)

| 1       | 2       | 3       | 4       | 5       | 6       | 7      | 8       | 9       | 10      |
|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
| 43,490  | 21,949  | 60,425  | 67,568  | 43,045  | 40,914  | 21,272 | 40,099  | 40,786  | 54,588  |
| -19,120 | 37,600  | -25,729 | -21,044 | -31,906 | -18,385 | 26,908 | -20,340 | 38,699  | -30,626 |
| 43,888  | -22,422 | 38,444  | 66,127  | 40,089  | 56,465  | 73,838 | 41,799  | -22,095 | 55,402  |
| 41,785  | 37,660  | -17,585 | -14,944 | -21,336 | -13,007 | 13,872 | 24,494  | 34,128  | -13,550 |
| 110,043 | 74,787  | 55,555  | 97,707  | 29892   | 65987   | 135890 | 86052   | 91518   | 65814   |

| 11      | 12      | 13      | 14      | 15      | 16      | 17     | 18      | 19      | 20      |
|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|
| 27,166  | 43,515  | 39,165  | 67,597  | 42,420  | 39,152  | 43,272 | 21,213  | 37,680  | 43,444  |
| 28,806  | 39,324  | -20,891 | -21,847 | -20,676 | -27,708 | 25,360 | -16,610 | -24,502 | -24,432 |
| -28,146 | -25,861 | 56,513  | 52,737  | 35,828  | 39,918  | 79,598 | 42,324  | 55,947  | 64,096  |
| 37,230  | 34,579  | -12,031 | -10,886 | -22,020 | -22,131 | 40,707 | 35,479  | -19,732 | -20,334 |
| 65056   | 91557   | 62756   | 81601   | 35552   | 29231   | 188937 | 82406   | 49393   | 62774   |



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