

## SUMS FOR INCENTIVE MARKS

MARKING SCHEME : (+2, -1/2)

|    |     |     |
|----|-----|-----|
| 1  | 2   | 3   |
| 8  | 12  | 148 |
| 6  | 23  | 239 |
| 3  | 47  |     |
| 9  | -62 |     |
| -7 | 13  |     |
| 2  |     |     |
| -4 |     |     |
|    |     |     |

4-7  $(6 \times 2) = \underline{\hspace{1cm}} \times 3 = \underline{\hspace{1cm}} \times 7 = \underline{\hspace{1cm}} \times 8 = \underline{\hspace{1cm}}$

8-11  $(9 \times 4) = \underline{\hspace{1cm}} \div 6 = \underline{\hspace{1cm}} \times 19 = \underline{\hspace{1cm}} \times 5 = \underline{\hspace{1cm}}$

12  $89 + 4 + 112 =$

13  $6 + 18 + 142 =$

14  $9 + 92 + 243 =$

15  $164 - 59 - 8 =$



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ABACUS  
An ISO 9001:2008 Certified Organization



# ALAMA INTERNATIONAL

## ABACUS LOGICAL APPLICATION MENTAL ARITHMETIC



### INSTRUCTIONS

- 1) STUDENTS CAN SOLVE THE FIRST 75 USING ABACUS OR VISUALISATION TECHNIQUE
- 2) ONLY AFTER COMPLETION OF THE 75 SUMS, THE STUDENTS ARE ELIGIBLE TO ATTEMPT THE 15 OTHER SUMS FOR INCENTIVE MARKS
- 3) FOR INCENTIVE MARKS, MARKING SCHEME WILL BE :  
A) +2 FOR CORRECT ANSWER  
B) -0.5 FOR INCORRECT ANSWER
- 4) UPGRADE YOUR SCORE BY ATTEMPTING THE INCENTIVE QUESTIONS, ONLY AFTER COMPLETION OF 75 SUMS

## MENTAL ARITHMETIC LEVEL - 3

Admit Card No :

Marks :



## MENTAL ARITHMETIC - LEVEL - 3



|                                                     |                                                      |                                                     |                                                     |                                                      |                                                      |                                                     |
|-----------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------|
| 1<br>12<br>-6<br>1<br>2<br><input type="text"/>     | 2<br>7<br>3<br>12<br>2<br><input type="text"/>       | 3<br>14<br>-8<br>3<br>2<br><input type="text"/>     | 4<br>76<br>-8<br>-9<br>1<br><input type="text"/>    | 5<br>89<br>-88<br>9<br>1<br><input type="text"/>     | 6<br>54<br>8<br>-6<br>3<br><input type="text"/>      | 7<br>8<br>6<br>28<br>-2<br><input type="text"/>     |
| 8<br>27<br>-27<br>9<br>-1<br><input type="text"/>   | 9<br>9<br>1<br>52<br>-38<br><input type="text"/>     | 10<br>89<br>-6<br>-7<br>18<br><input type="text"/>  | 11<br>24<br>42<br>-33<br>6<br><input type="text"/>  | 12<br>16<br>2<br>6<br>16<br><input type="text"/>     | 13<br>82<br>-40<br>7<br>-1<br><input type="text"/>   | 14<br>19<br>-2<br>-17<br>3<br><input type="text"/>  |
| 15<br>8<br>-8<br>47<br>-39<br><input type="text"/>  | 16<br>47<br>17<br>-14<br>-8<br><input type="text"/>  | 17<br>38<br>-37<br>62<br>4<br><input type="text"/>  | 18<br>3<br>79<br>-68<br>47<br><input type="text"/>  | 19<br>17<br>-16<br>18<br>19<br><input type="text"/>  | 20<br>89<br>-73<br>40<br>-30<br><input type="text"/> | 21<br>2<br>9<br>79<br>-61<br><input type="text"/>   |
| 22<br>31<br>61<br>-42<br>49<br><input type="text"/> | 23<br>26<br>38<br>-42<br>-22<br><input type="text"/> | 24<br>79<br>-34<br>16<br>16<br><input type="text"/> | 25<br>39<br>29<br>19<br>-69<br><input type="text"/> | 26<br>61<br>-34<br>27<br>-42<br><input type="text"/> | 27<br>77<br>-43<br>28<br>-34<br><input type="text"/> | 28<br>14<br>18<br>22<br>26<br><input type="text"/>  |
| 29<br>53<br>35<br>-77<br>14<br><input type="text"/> | 30<br>64<br>32<br>-46<br>12<br><input type="text"/>  | 31<br>79<br>38<br>41<br>-82<br><input type="text"/> | 32<br>26<br>50<br>-66<br>12<br><input type="text"/> | 33<br>10<br>49<br>-59<br>18<br><input type="text"/>  | 34<br>38<br>47<br>-83<br>60<br><input type="text"/>  | 35<br>18<br>62<br>-70<br>88<br><input type="text"/> |



## MENTAL ARITHMETIC - LEVEL - 3



|                                                          |                                                         |                                                            |                                                           |                                                          |                                                           |                                                          |
|----------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------|
| 36<br>7<br>8<br>9<br>10<br>-6<br><input type="text"/>    | 37<br>8<br>3<br>83<br>-6<br>-8<br><input type="text"/>  | 38<br>92<br>-7<br>-7<br>-7<br>7<br><input type="text"/>    | 39<br>4<br>44<br>44<br>-4<br>-4<br><input type="text"/>   | 40<br>17<br>16<br>-6<br>-6<br>-1<br><input type="text"/> | 41<br>9<br>8<br>-7<br>6<br>5<br><input type="text"/>      | 42<br>18<br>67<br>-4<br>-1<br>-8<br><input type="text"/> |
| 43<br>12<br>48<br>-30<br>8<br>-7<br><input type="text"/> | 44<br>2<br>24<br>26<br>28<br>12<br><input type="text"/> | 45<br>81<br>-60<br>13<br>13<br>-11<br><input type="text"/> | 46<br>97<br>-47<br>10<br>22<br>-3<br><input type="text"/> | 47<br>8<br>17<br>25<br>35<br>-84<br><input type="text"/> | 48<br>57<br>-30<br>19<br>-6<br>-0<br><input type="text"/> | 49<br>43<br>32<br>6<br>8<br>-9<br><input type="text"/>   |
| 50<br>271 - 261 = <input type="text"/>                   | 51<br>111 + 333 = <input type="text"/>                  | 52<br>123 + 321 = <input type="text"/>                     | 53<br>999 - 765 = <input type="text"/>                    | 54<br>511 - 310 = <input type="text"/>                   | 55<br>545 + 151 = <input type="text"/>                    | 56<br>211 + 122 = <input type="text"/>                   |
| 57<br>247 + 150 = <input type="text"/>                   | 58<br>173 - 172 = <input type="text"/>                  | 59<br>747 - 342 = <input type="text"/>                     | 60<br>74 x 6 = <input type="text"/>                       | 61<br>91 x 3 = <input type="text"/>                      | 62<br>82 x 7 = <input type="text"/>                       | 63<br>44 x 4 = <input type="text"/>                      |
| 64<br>71 x 9 = <input type="text"/>                      | 65<br>181 x 3 = <input type="text"/>                    | 66<br>417 x 8 = <input type="text"/>                       | 67<br>932 x 5 = <input type="text"/>                      | 68<br>516 x 2 = <input type="text"/>                     | 69<br>186 x 6 = <input type="text"/>                      | 70<br>84 ÷ 4 = <input type="text"/>                      |
| 71<br>91 ÷ 7 = <input type="text"/>                      | 72<br>69 ÷ 3 = <input type="text"/>                     | 73<br>0 ÷ 42 = <input type="text"/>                        | 74<br>94 ÷ 4 = <input type="text"/>                       | 75<br>36 ÷ 5 = <input type="text"/>                      |                                                           |                                                          |