



# Global Mental Math Olympiad 2026, Dubai

## Practice Sheet 2-Answer Key

### Grandmaster Category

(Ages 12 & Above)

#### Section 1

| Sr.No | Question Content  | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1     | $25 + 9 - 7 = \_$ | 34       | 27       | 29       | 32       |
| 2     | $92 + 7 - 3 = \_$ | 86       | 96       | 87       | 89       |
| 3     | $30 + 9 - 3 = \_$ | 26       | 41       | 36       | 37       |
| 4     | $58 + 4 - 3 = \_$ | 50       | 59       | 67       | 62       |
| 5     | $61 + 5 - 1 = \_$ | 73       | 57       | 74       | 65       |
| 6     | $37 + 7 - 4 = \_$ | 50       | 47       | 31       | 40       |
| 7     | $52 + 7 - 4 = \_$ | 55       | 53       | 52       | 54       |
| 8     | $76 + 2 - 2 = \_$ | 67       | 76       | 79       | 69       |
| 9     | $46 + 5 - 1 = \_$ | 50       | 47       | 43       | 53       |
| 10    | $42 + 6 - 6 = \_$ | 39       | 32       | 45       | 42       |
| 11    | $87 - 5 - 3 = \_$ | 88       | 77       | 79       | 81       |
| 12    | $32 - 5 - 3 = \_$ | 14       | 27       | 24       | 29       |
| 13    | $45 - 9 - 4 = \_$ | 27       | 24       | 39       | 32       |
| 14    | $52 - 7 - 2 = \_$ | 43       | 34       | 52       | 49       |
| 15    | $89 - 9 - 8 = \_$ | 65       | 72       | 68       | 81       |
| 16    | $23 - 8 - 2 = \_$ | 6        | 16       | 13       | 5        |
| 17    | $13 - 6 - 2 = \_$ | 9        | 6        | 5        | 7        |
| 18    | $15 - 7 - 4 = \_$ | 4        | 0        | -1       | 5        |
| 19    | $27 - 7 - 2 = \_$ | 15       | 17       | 16       | 18       |
| 20    | $96 - 8 - 7 = \_$ | 78       | 86       | 81       | 90       |

#### Section 2

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | $99 + 76 = \_$   | 165      | 170      | 175      | 167      |
| 2     | $20 + 66 = \_$   | 86       | 87       | 91       | 90       |
| 3     | $81 + 45 = \_$   | 116      | 122      | 126      | 124      |
| 4     | $78 + 85 = \_$   | 154      | 159      | 163      | 157      |



|    |                               |     |     |     |     |
|----|-------------------------------|-----|-----|-----|-----|
| 5  | $60 + 52 = \underline{\quad}$ | 120 | 111 | 102 | 112 |
| 6  | $64 + 13 = \underline{\quad}$ | 76  | 73  | 74  | 77  |
| 7  | $87 + 56 = \underline{\quad}$ | 150 | 148 | 143 | 145 |
| 8  | $35 + 73 = \underline{\quad}$ | 100 | 117 | 108 | 110 |
| 9  | $65 + 31 = \underline{\quad}$ | 96  | 103 | 104 | 90  |
| 10 | $43 + 50 = \underline{\quad}$ | 91  | 99  | 98  | 93  |

### Section 3

| Sr.No | Question Content                   | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------------------|----------|----------|----------|----------|
| 1     | $77 + 55 - 10 = \underline{\quad}$ | 132      | 123      | 121      | 122      |
| 2     | $59 + 47 - 29 = \underline{\quad}$ | 77       | 69       | 85       | 72       |
| 3     | $70 + 64 - 55 = \underline{\quad}$ | 79       | 88       | 71       | 87       |
| 4     | $49 + 17 - 15 = \underline{\quad}$ | 54       | 44       | 52       | 51       |
| 5     | $96 + 28 - 24 = \underline{\quad}$ | 93       | 100      | 103      | 110      |
| 6     | $82 + 62 - 41 = \underline{\quad}$ | 102      | 106      | 101      | 103      |
| 7     | $68 + 50 - 24 = \underline{\quad}$ | 86       | 104      | 94       | 97       |
| 8     | $97 + 92 - 91 = \underline{\quad}$ | 105      | 98       | 99       | 89       |
| 9     | $62 + 18 - 13 = \underline{\quad}$ | 75       | 58       | 69       | 67       |
| 10    | $75 + 62 - 35 = \underline{\quad}$ | 102      | 93       | 107      | 108      |
| 11    | $54 - 43 - 10 = \underline{\quad}$ | -5       | -3       | 1        | -4       |
| 12    | $97 - 95 - 2 = \underline{\quad}$  | 5        | -3       | 4        | 0        |
| 13    | $64 - 31 - 24 = \underline{\quad}$ | 9        | 6        | -1       | 0        |
| 14    | $99 - 38 - 37 = \underline{\quad}$ | 24       | 25       | 30       | 18       |
| 15    | $89 - 58 - 28 = \underline{\quad}$ | 0        | 10       | 3        | 11       |
| 16    | $74 - 55 - 19 = \underline{\quad}$ | -1       | 7        | 0        | -3       |
| 17    | $80 - 35 - 34 = \underline{\quad}$ | 11       | 20       | 13       | 1        |
| 18    | $98 - 29 - 21 = \underline{\quad}$ | 54       | 55       | 40       | 48       |
| 19    | $82 - 62 - 17 = \underline{\quad}$ | -4       | 3        | -7       | 2        |
| 20    | $36 - 28 - 7 = \underline{\quad}$  | 5        | 9        | -7       | 1        |

### Section 4

| Sr.No | Question Content                                | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------------------------------------|----------|----------|----------|----------|
| 1     | Double of 98 + Half of 32 = $\underline{\quad}$ | 215      | 217      | 212      | 219      |
| 2     | Double of 87 + Half of 54 = $\underline{\quad}$ | 194      | 198      | 201      | 204      |
| 3     | Double of 36 + Half of 28 = $\underline{\quad}$ | 94       | 80       | 86       | 76       |



|    |                               |     |     |     |     |
|----|-------------------------------|-----|-----|-----|-----|
| 4  | Double of 66 + Half of 76 = _ | 172 | 166 | 170 | 175 |
| 5  | Double of 95 + Half of 76 = _ | 231 | 220 | 233 | 228 |
| 6  | Double of 50 + Half of 42 = _ | 126 | 117 | 121 | 131 |
| 7  | Double of 51 + Half of 54 = _ | 123 | 138 | 129 | 139 |
| 8  | Double of 75 + Half of 92 = _ | 196 | 190 | 202 | 194 |
| 9  | Double of 50 + Half of 54 = _ | 127 | 133 | 130 | 117 |
| 10 | Double of 30 + Half of 96 = _ | 107 | 108 | 100 | 101 |
| 11 | Double of 89 = _              | 168 | 178 | 177 | 182 |
| 12 | Double of 45 = _              | 80  | 90  | 92  | 87  |
| 13 | Double of 79 = _              | 152 | 162 | 158 | 150 |
| 14 | Double of 49 = _              | 104 | 105 | 98  | 100 |
| 15 | Double of 83 = _              | 169 | 168 | 166 | 164 |
| 16 | Double of 86 = _              | 170 | 177 | 179 | 172 |
| 17 | Double of 87 = _              | 177 | 180 | 164 | 174 |
| 18 | Double of 37 = _              | 83  | 80  | 74  | 81  |
| 19 | Double of 67 = _              | 134 | 136 | 124 | 130 |
| 20 | Double of 40 = _              | 80  | 73  | 78  | 90  |

### Section 5

| Sr.No | Question Content  | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1     | Half of 120 = _   | 60       | 52       | 69       | 66       |
| 2     | Half of 612 = _   | 304      | 310      | 306      | 307      |
| 3     | Half of 876 = _   | 445      | 438      | 448      | 440      |
| 4     | Half of 222 = _   | 118      | 112      | 109      | 111      |
| 5     | Half of 202 = _   | 93       | 103      | 108      | 101      |
| 6     | Half of 696 = _   | 347      | 348      | 342      | 346      |
| 7     | Half of 342 = _   | 169      | 179      | 177      | 171      |
| 8     | Half of 302 = _   | 157      | 155      | 151      | 152      |
| 9     | Half of 496 = _   | 238      | 246      | 243      | 248      |
| 10    | Half of 590 = _   | 295      | 293      | 305      | 300      |
| 11    | Double of 685 = _ | 1361     | 1374     | 1370     | 1371     |
| 12    | Double of 662 = _ | 1332     | 1325     | 1324     | 1330     |
| 13    | Double of 580 = _ | 1153     | 1158     | 1162     | 1160     |
| 14    | Double of 220 = _ | 441      | 440      | 437      | 442      |
| 15    | Double of 555 = _ | 1104     | 1116     | 1100     | 1110     |



|    |                   |      |      |      |      |
|----|-------------------|------|------|------|------|
| 16 | Double of 832 = _ | 1668 | 1672 | 1666 | 1664 |
| 17 | Double of 507 = _ | 1005 | 1018 | 1014 | 1012 |
| 18 | Double of 837 = _ | 1669 | 1668 | 1674 | 1683 |
| 19 | Double of 548 = _ | 1088 | 1096 | 1095 | 1094 |
| 20 | Double of 587 = _ | 1183 | 1182 | 1176 | 1174 |

### Section 6

| Sr.No | Question Content                | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------------|----------|----------|----------|----------|
| 1     | Double of 27 + Half of 144 = _  | 126      | 124      | 120      | 131      |
| 2     | Double of 71 + Half of 192 = _  | 234      | 238      | 236      | 235      |
| 3     | Double of 61 + Half of 134 = _  | 189      | 183      | 192      | 181      |
| 4     | Double of 57 + Half of 166 = _  | 198      | 188      | 197      | 187      |
| 5     | Double of 40 + Half of 114 = _  | 139      | 131      | 145      | 137      |
| 6     | Double of 35 + Half of 150 = _  | 151      | 152      | 145      | 154      |
| 7     | Double of 87 + Half of 184 = _  | 266      | 256      | 275      | 264      |
| 8     | Double of 91 + Half of 194 = _  | 281      | 274      | 279      | 276      |
| 9     | Double of 36 + Half of 112 = _  | 128      | 122      | 125      | 129      |
| 10    | Double of 79 + Half of 146 = _  | 225      | 231      | 235      | 237      |
| 11    | Double of 21 + Double of 11 = _ | 64       | 56       | 59       | 74       |
| 12    | Double of 60 + Double of 40 = _ | 193      | 200      | 203      | 196      |
| 13    | Double of 36 + Double of 95 = _ | 265      | 270      | 262      | 253      |
| 14    | Double of 30 + Double of 36 = _ | 132      | 125      | 142      | 122      |
| 15    | Double of 76 + Double of 47 = _ | 236      | 244      | 253      | 246      |
| 16    | Double of 98 + Double of 25 = _ | 256      | 246      | 241      | 240      |
| 17    | Double of 38 + Double of 13 = _ | 102      | 95       | 100      | 108      |
| 18    | Double of 81 + Double of 30 = _ | 219      | 230      | 223      | 222      |
| 19    | Double of 65 + Double of 31 = _ | 191      | 192      | 189      | 187      |
| 20    | Double of 29 + Double of 36 = _ | 130      | 140      | 127      | 132      |

### Section 7

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | Triple of 86 = _ | 258      | 255      | 251      | 264      |
| 2     | Triple of 49 = _ | 153      | 141      | 146      | 147      |
| 3     | Triple of 15 = _ | 45       | 54       | 50       | 39       |
| 4     | Triple of 91 = _ | 268      | 270      | 273      | 272      |
| 5     | Triple of 68 = _ | 199      | 207      | 201      | 204      |



### Section 8

| Sr.No | Question Content  | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1     | Triple of 837 = _ | 2511     | 2502     | 2520     | 2513     |
| 2     | Triple of 147 = _ | 448      | 441      | 449      | 450      |
| 3     | Triple of 738 = _ | 2214     | 2215     | 2219     | 2213     |
| 4     | Triple of 914 = _ | 2733     | 2742     | 2732     | 2744     |
| 5     | Triple of 529 = _ | 1587     | 1588     | 1579     | 1595     |

### Section 9

| Sr.No | Question Content            | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------|----------|----------|----------|----------|
| 1     | 74, 41, 65 Mean = _         | 54       | 61       | 62       | 60       |
| 2     | 70, 56, 72 Mean = _         | 58       | 60       | 73       | 66       |
| 3     | 34, 60, 77 Mean = _         | 57       | 52       | 47       | 59       |
| 4     | 16, 86, 30 Mean = _         | 37       | 44       | 49       | 45       |
| 5     | 48, 88, 80 Mean = _         | 67       | 72       | 81       | 77       |
| 6     | 41, 15, 91 Mean = _         | 39       | 47       | 46       | 49       |
| 7     | 54, 53, 46 Mean = _         | 59       | 52       | 56       | 51       |
| 8     | 76, 78, 82, 54, 90 Mean = _ | 77       | 69       | 76       | 74       |
| 9     | 86, 70, 51, 86, 82 Mean = _ | 73       | 68       | 75       | 66       |
| 10    | 77, 43, 92, 30, 58 Mean = _ | 57       | 58       | 60       | 67       |
| 11    | 41, 21, 34, 10, 59 Mean = _ | 25       | 42       | 28       | 33       |
| 12    | 23, 71, 32, 52, 27 Mean = _ | 41       | 45       | 39       | 47       |
| 13    | 11, 73, 24, 79, 18 Mean = _ | 43       | 50       | 36       | 41       |
| 14    | 11, 16, 91, 59, 33 Mean = _ | 42       | 40       | 47       | 43       |
| 15    | Half of 4386 = _            | 2199     | 2193     | 2191     | 2192     |
| 16    | Half of 9604 = _            | 4803     | 4802     | 4798     | 4801     |
| 17    | Half of 7088 = _            | 3543     | 3544     | 3545     | 3539     |
| 18    | Half of 5878 = _            | 2939     | 2933     | 2930     | 2948     |
| 19    | Half of 5514 = _            | 2753     | 2755     | 2757     | 2748     |



### Section 10

| Sr.No | Question Content                                      | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------------------------------------------|----------|----------|----------|----------|
| 1     | Cost price = 507, Selling Price = 781<br>Profit = __  | 265      | 264      | 283      | 274      |
| 2     | Cost price = 163, Selling Price = 76<br>Loss = __     | 96       | 90       | 86       | 87       |
| 3     | Cost price = 355, Selling Price = 608<br>Profit = __  | 253      | 245      | 257      | 260      |
| 4     | Cost price = 548, Selling Price = 224<br>Loss = __    | 323      | 320      | 324      | 319      |
| 5     | Cost price = 545, Selling Price = 878<br>Profit = __  | 340      | 338      | 333      | 335      |
| 6     | Cost price = 339, Selling Price = 176<br>Loss = __    | 161      | 163      | 171      | 166      |
| 7     | Cost price = 273, Selling Price = 426<br>Profit = __  | 153      | 146      | 152      | 162      |
| 8     | Cost price = 567, Selling Price = 272<br>Loss = __    | 300      | 294      | 295      | 305      |
| 9     | Cost price = 350, Selling Price = 560<br>Profit = __  | 212      | 210      | 201      | 213      |
| 10    | Cost price = 425, Selling Price = 238<br>Loss = __    | 187      | 196      | 183      | 180      |
| 11    | Cost price = 450, Selling Price = 162<br>Loss = __    | 298      | 283      | 294      | 288      |
| 12    | Cost price = 852, Selling Price = 1457<br>Profit = __ | 605      | 601      | 604      | 614      |
| 13    | Cost price = 885, Selling Price = 1363<br>Profit = __ | 486      | 482      | 478      | 477      |
| 14    | Cost price = 931, Selling Price = 428<br>Loss = __    | 503      | 494      | 502      | 504      |

### Section 11

| Sr.No | Question Content                  | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------------|----------|----------|----------|----------|
| 1     | $8^2 = \underline{\hspace{1cm}}$  | 60       | 63       | 73       | 64       |
| 2     | $3^2 = \underline{\hspace{1cm}}$  | 1        | 10       | 17       | 9        |
| 3     | $1^2 = \underline{\hspace{1cm}}$  | -8       | 1        | 11       | -4       |
| 4     | $2^2 = \underline{\hspace{1cm}}$  | 8        | 3        | 4        | 14       |
| 5     | $6^2 = \underline{\hspace{1cm}}$  | 30       | 36       | 46       | 34       |
| 6     | $23^2 = \underline{\hspace{1cm}}$ | 523      | 529      | 525      | 531      |
| 7     | $48^2 = \underline{\hspace{1cm}}$ | 2296     | 2312     | 2304     | 2308     |
| 8     | $64^2 = \underline{\hspace{1cm}}$ | 4104     | 4096     | 4086     | 4105     |



|    |                            |      |      |      |      |
|----|----------------------------|------|------|------|------|
| 9  | $90^2 = \underline{\quad}$ | 8105 | 8094 | 8103 | 8100 |
| 10 | $57^2 = \underline{\quad}$ | 3249 | 3254 | 3244 | 3248 |
| 11 | $56^2 = \underline{\quad}$ | 3136 | 3130 | 3139 | 3126 |
| 12 | $52^2 = \underline{\quad}$ | 2710 | 2704 | 2712 | 2709 |
| 13 | $58^2 = \underline{\quad}$ | 3364 | 3369 | 3361 | 3372 |
| 14 | $74^2 = \underline{\quad}$ | 5473 | 5484 | 5475 | 5476 |
| 15 | $12^2 = \underline{\quad}$ | 144  | 148  | 139  | 135  |

### Section 12

| Sr.No | Question Content                   | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------------------|----------|----------|----------|----------|
| 1     | $217 + 59 - 4 = \underline{\quad}$ | 270      | 272      | 266      | 264      |
| 2     | $145 + 85 - 4 = \underline{\quad}$ | 222      | 216      | 226      | 228      |
| 3     | $587 + 17 - 9 = \underline{\quad}$ | 605      | 586      | 596      | 595      |
| 4     | $218 + 74 - 2 = \underline{\quad}$ | 297      | 295      | 286      | 290      |
| 5     | $321 + 24 - 6 = \underline{\quad}$ | 331      | 342      | 330      | 339      |
| 6     | $971 - 53 + 3 = \underline{\quad}$ | 921      | 928      | 926      | 923      |
| 7     | $582 - 99 + 3 = \underline{\quad}$ | 492      | 486      | 482      | 488      |
| 8     | $603 - 66 + 5 = \underline{\quad}$ | 543      | 551      | 532      | 542      |
| 9     | $259 - 76 + 3 = \underline{\quad}$ | 195      | 184      | 196      | 186      |
| 10    | $906 - 62 + 5 = \underline{\quad}$ | 851      | 852      | 855      | 849      |

### Section 13

| Sr.No | Question Content                    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------------------------|----------|----------|----------|----------|
| 1     | $51 \times \underline{\quad} = 102$ | -2       | 2        | 3        | -4       |
| 2     | $65 \times \underline{\quad} = 455$ | -3       | 0        | 7        | 11       |
| 3     | $78 \times \underline{\quad} = 234$ | 5        | -5       | -1       | 3        |
| 4     | $55 \times \underline{\quad} = 220$ | 0        | 4        | -6       | 11       |
| 5     | $15 \times \underline{\quad} = 135$ | 14       | 3        | 9        | 2        |
| 6     | $44 \times \underline{\quad} = 88$  | 1        | 11       | 2        | 8        |
| 7     | $91 \times \underline{\quad} = 182$ | 3        | -5       | -8       | 2        |
| 8     | $68 \times \underline{\quad} = 476$ | -2       | 1        | 7        | 2        |
| 9     | $67 \times \underline{\quad} = 134$ | 9        | 5        | -3       | 2        |
| 10    | $39 \times \underline{\quad} = 273$ | 14       | 5        | 7        | 13       |



### Section 14

| Sr.No | Question Content           | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------|----------|----------|----------|----------|
| 1     | $9 \times 2 \times 9 = \_$ | 162      | 154      | 169      | 152      |
| 2     | $5 \times 1 \times 7 = \_$ | 35       | 37       | 26       | 30       |
| 3     | $2 \times 7 \times 8 = \_$ | 119      | 118      | 112      | 113      |
| 4     | $2 \times 8 \times 8 = \_$ | 128      | 125      | 119      | 122      |
| 5     | $6 \times 1 \times 9 = \_$ | 64       | 62       | 54       | 50       |
| 6     | $9 \times 4 \times 5 = \_$ | 180      | 182      | 179      | 171      |
| 7     | $1 \times 2 \times 9 = \_$ | 25       | 18       | 19       | 21       |
| 8     | $3 \times 8 \times 9 = \_$ | 210      | 216      | 218      | 207      |
| 9     | $4 \times 7 \times 9 = \_$ | 251      | 253      | 257      | 252      |
| 10    | $7 \times 1 \times 7 = \_$ | 42       | 48       | 49       | 47       |

### Section 15

| Sr.No | Question Content    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------|----------|----------|----------|----------|
| 1     | $96 \times 61 = \_$ | 5853     | 5863     | 5856     | 5852     |
| 2     | $81 \times 30 = \_$ | 2436     | 2422     | 2424     | 2430     |
| 3     | $12 \times 88 = \_$ | 1052     | 1056     | 1054     | 1060     |
| 4     | $52 \times 27 = \_$ | 1412     | 1404     | 1397     | 1394     |
| 5     | $94 \times 54 = \_$ | 5074     | 5072     | 5076     | 5079     |
| 6     | $52 \times 44 = \_$ | 2291     | 2288     | 2284     | 2285     |
| 7     | $21 \times 59 = \_$ | 1239     | 1246     | 1240     | 1244     |
| 8     | $13 \times 47 = \_$ | 604      | 605      | 612      | 611      |
| 9     | $60 \times 20 = \_$ | 1210     | 1200     | 1199     | 1198     |
| 10    | $67 \times 72 = \_$ | 4822     | 4824     | 4821     | 4834     |
| 11    | $\sqrt{225} = \_$   | 16       | 15       | 20       | 7        |
| 12    | $\sqrt{625} = \_$   | 33       | 25       | 22       | 26       |
| 13    | $\sqrt{100} = \_$   | 8        | 9        | 10       | 11       |
| 14    | $\sqrt{576} = \_$   | 17       | 32       | 24       | 21       |
| 15    | $\sqrt{289} = \_$   | 19       | 17       | 22       | 21       |
| 16    | $\sqrt{6084} = \_$  | 76       | 86       | 82       | 78       |
| 17    | $\sqrt{3025} = \_$  | 64       | 49       | 55       | 51       |
| 18    | $\sqrt{3600} = \_$  | 60       | 55       | 68       | 63       |
| 19    | $\sqrt{1849} = \_$  | 35       | 41       | 33       | 43       |
| 20    | $\sqrt{8464} = \_$  | 100      | 92       | 84       | 86       |





|    |                    |    |    |    |    |
|----|--------------------|----|----|----|----|
| 21 | $\sqrt{8836} = \_$ | 91 | 92 | 88 | 94 |
| 22 | $\sqrt{2025} = \_$ | 49 | 45 | 42 | 54 |
| 23 | $\sqrt{4624} = \_$ | 68 | 59 | 70 | 77 |
| 24 | $\sqrt{1681} = \_$ | 38 | 34 | 37 | 41 |
| 25 | $\sqrt{1296} = \_$ | 26 | 43 | 36 | 32 |

### Section 16

| Sr.No | Question Content          | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------|----------|----------|----------|----------|
| 1     | Cube Root of 39304 = $\_$ | 39       | 29       | 33       | 34       |
| 2     | Cube Root of 64000 = $\_$ | 35       | 37       | 40       | 47       |
| 3     | Cube Root of 68921 = $\_$ | 51       | 46       | 41       | 38       |
| 4     | Cube Root of 13824 = $\_$ | 26       | 24       | 18       | 21       |
| 5     | Cube Root of 42875 = $\_$ | 38       | 42       | 30       | 35       |
| 6     | Cube Root of 21952 = $\_$ | 28       | 35       | 36       | 22       |
| 7     | Cube Root of 10648 = $\_$ | 22       | 30       | 24       | 20       |
| 8     | Cube Root of 17576 = $\_$ | 33       | 29       | 26       | 17       |
| 9     | Cube Root of 59319 = $\_$ | 42       | 33       | 39       | 46       |
| 10    | Cube Root of 79507 = $\_$ | 38       | 35       | 40       | 43       |

### Section 17

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | $604 + 91 = \_$  | 690      | 691      | 699      | 695      |
| 2     | $221 + 16 = \_$  | 239      | 237      | 229      | 234      |
| 3     | $144 + 89 = \_$  | 231      | 233      | 232      | 227      |
| 4     | $207 + 40 = \_$  | 244      | 247      | 252      | 250      |
| 5     | $381 + 15 = \_$  | 396      | 386      | 402      | 392      |
| 6     | $937 - 76 = \_$  | 859      | 860      | 861      | 856      |
| 7     | $371 - 80 = \_$  | 282      | 287      | 291      | 292      |
| 8     | $808 - 91 = \_$  | 715      | 717      | 716      | 727      |
| 9     | $355 - 27 = \_$  | 320      | 338      | 328      | 324      |
| 10    | $596 - 87 = \_$  | 499      | 519      | 510      | 509      |



### Section 18

| Sr.No | Question Content                    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------------------------|----------|----------|----------|----------|
| 1     | $768 + 727 = \underline{\quad}$     | 1495     | 1502     | 1492     | 1496     |
| 2     | $170 + 738 = \underline{\quad}$     | 901      | 908      | 902      | 907      |
| 3     | $729 + 479 = \underline{\quad}$     | 1199     | 1209     | 1208     | 1212     |
| 4     | $843 + 908 = \underline{\quad}$     | 1744     | 1751     | 1761     | 1749     |
| 5     | $827 + 247 = \underline{\quad}$     | 1067     | 1074     | 1068     | 1081     |
| 6     | $810 - 49 + 34 = \underline{\quad}$ | 800      | 795      | 790      | 788      |
| 7     | $678 - 51 + 42 = \underline{\quad}$ | 664      | 661      | 669      | 666      |
| 8     | $412 - 39 + 13 = \underline{\quad}$ | 390      | 379      | 392      | 386      |
| 9     | $380 - 84 + 17 = \underline{\quad}$ | 313      | 315      | 317      | 316      |
| 10    | $380 - 84 + 47 = \underline{\quad}$ | 333      | 335      | 343      | 349      |
| 11    | $662 + 99 - 84 = \underline{\quad}$ | 677      | 678      | 670      | 682      |
| 12    | $957 + 44 - 38 = \underline{\quad}$ | 956      | 955      | 963      | 969      |
| 13    | $607 + 36 - 25 = \underline{\quad}$ | 618      | 626      | 621      | 617      |
| 14    | $299 + 78 - 31 = \underline{\quad}$ | 341      | 346      | 351      | 348      |
| 15    | $536 + 84 - 54 = \underline{\quad}$ | 575      | 566      | 576      | 572      |

### Section 19

| Sr.No | Question Content                 | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------------|----------|----------|----------|----------|
| 1     | $4443 - 461 = \underline{\quad}$ | 3976     | 3973     | 3982     | 3987     |
| 2     | $9639 - 214 = \underline{\quad}$ | 9427     | 9425     | 9432     | 9418     |
| 3     | $8776 - 958 = \underline{\quad}$ | 7818     | 7822     | 7810     | 7811     |
| 4     | $9696 - 542 = \underline{\quad}$ | 9156     | 9158     | 9155     | 9154     |
| 5     | $6625 - 435 = \underline{\quad}$ | 6188     | 6190     | 6185     | 6183     |

### Section 20

| Sr.No | Question Content                      | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------------------|----------|----------|----------|----------|
| 1     | $485 + 208 + 131 = \underline{\quad}$ | 824      | 831      | 816      | 826      |
| 2     | $377 + 843 + 115 = \underline{\quad}$ | 1337     | 1335     | 1326     | 1333     |
| 3     | $998 + 291 + 745 = \underline{\quad}$ | 2026     | 2027     | 2034     | 2044     |
| 4     | $213 + 386 + 262 = \underline{\quad}$ | 861      | 852      | 869      | 865      |
| 5     | $883 + 318 + 269 = \underline{\quad}$ | 1479     | 1470     | 1480     | 1468     |



### Section 21

| Sr.No | Question Content                  | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------------|----------|----------|----------|----------|
| 1     | $(14 + 22) \times (55 + 77) = \_$ | 4753     | 4759     | 4742     | 4752     |
| 2     | $(24 + 10) \times (20 + 96) = \_$ | 3939     | 3950     | 3944     | 3935     |
| 3     | $(95 + 33) \times (75 + 80) = \_$ | 19838    | 19841    | 19837    | 19840    |
| 4     | $(51 + 59) \times (46 + 50) = \_$ | 10560    | 10559    | 10569    | 10556    |
| 5     | $(33 + 68) \times (47 + 56) = \_$ | 10401    | 10403    | 10406    | 10402    |

### Section 22

| Sr.No | Question Content      | Option 1      | Option 2      | Option 3      | Option 4      |
|-------|-----------------------|---------------|---------------|---------------|---------------|
| 1     | Multiple of 14 = $\_$ | 29, 58, 86    | 32, 60, 89    | 36, 63, 93    | 28, 56, 84    |
| 2     | Multiple of 32 = $\_$ | 66, 131, 162  | 64, 128, 160  | 68, 132, 165  | 71, 137, 167  |
| 3     | Multiple of 95 = $\_$ | 190, 665, 760 | 192, 193, 667 | 194, 196, 670 | 197, 673, 769 |
| 4     | Multiple of 27 = $\_$ | 55, 57, 190   | 58, 60, 194   | 62, 63, 197   | 54, 162, 189  |
| 5     | Multiple of 91 = $\_$ | 273, 364, 546 | 275, 276, 547 | 278, 370, 550 | 281, 371, 554 |

### Section 23

| Sr.No | Question Content            | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------|----------|----------|----------|----------|
| 1     | Find the LCM of 13 and 49 ? | 637      | 638      | 644      | 640      |
| 2     | Find the LCM of 40 and 85 ? | 685      | 690      | 680      | 675      |
| 3     | Find the LCM of 84 and 51 ? | 1432     | 1424     | 1428     | 1436     |
| 4     | Find the LCM of 76 and 19 ? | 76       | 68       | 66       | 85       |
| 5     | Find the LCM of 19 and 73 ? | 1380     | 1397     | 1394     | 1387     |
| 6     | Find the LCM of 98 and 69 ? | 6755     | 6764     | 6760     | 6762     |
| 7     | Find the LCM of 53 and 60 ? | 3180     | 3170     | 3178     | 3185     |
| 8     | Find the LCM of 16 and 22 ? | 173      | 172      | 171      | 176      |
| 9     | Find the LCM of 68 and 77 ? | 5239     | 5235     | 5236     | 5238     |
| 10    | Find the LCM of 45 and 93 ? | 1390     | 1389     | 1387     | 1395     |



### Section 24

| Sr.No | Question Content           | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------|----------|----------|----------|----------|
| 1     | Find the HCF of 84, 65 = _ | 1        | 4        | 9        | -9       |
| 2     | Find the HCF of 51, 94 = _ | -6       | -5       | 8        | 1        |
| 3     | Find the HCF of 58, 44 = _ | -8       | 2        | 4        | -6       |
| 4     | Find the HCF of 14, 81 = _ | -7       | 1        | -1       | 2        |
| 5     | Find the HCF of 20, 81 = _ | -6       | 3        | 1        | -5       |

### Section 25

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | 905 / 5 = _      | 173      | 181      | 180      | 190      |
| 2     | 232 / 2 = _      | 120      | 121      | 116      | 112      |
| 3     | 532 / 4 = _      | 133      | 131      | 143      | 134      |
| 4     | 952 / 8 = _      | 123      | 110      | 124      | 119      |
| 5     | 879 / 3 = _      | 293      | 286      | 285      | 291      |

### Section 26

| Sr.No | Question Content          | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------|----------|----------|----------|----------|
| 1     | Remainder of 87 / 7 = _   | 3        | 1        | 2        | -1       |
| 2     | Remainder of 26 / 1 = _   | 7        | -10      | 0        | -1       |
| 3     | Remainder of 31 / 3 = _   | 4        | -9       | 1        | -4       |
| 4     | Remainder of 58 / 7 = _   | 4        | 2        | -5       | 10       |
| 5     | Remainder of 75 / 9 = _   | 6        | 3        | 1        | -2       |
| 6     | Remainder of 315 / 14 = _ | 7        | -1       | 16       | 12       |
| 7     | Remainder of 565 / 67 = _ | 35       | 36       | 29       | 37       |
| 8     | Remainder of 205 / 29 = _ | 2        | 3        | -2       | -6       |
| 9     | Remainder of 305 / 48 = _ | 18       | 17       | 26       | 24       |
| 10    | Remainder of 734 / 86 = _ | 52       | 45       | 46       | 40       |



### Section 27

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | 25% of 44 = _    | 2        | 21       | 11       | 16       |
| 2     | 5% of 80 = _     | 1        | -3       | 4        | -1       |
| 3     | 25% of 76 = _    | 14       | 19       | 23       | 9        |
| 4     | 8% of 25 = _     | 6        | 2        | -7       | -8       |
| 5     | 6% of 50 = _     | 3        | -1       | 13       | 5        |
| 6     | 50% of 62 = _    | 23       | 36       | 21       | 31       |
| 7     | 25% of 664 = _   | 169      | 162      | 166      | 173      |
| 8     | 20% of 245 = _   | 49       | 44       | 47       | 41       |
| 9     | 25% of 228 = _   | 56       | 47       | 51       | 57       |
| 10    | 20% of 185 = _   | 37       | 41       | 28       | 38       |
| 11    | 25% of 844 = _   | 214      | 211      | 212      | 219      |
| 12    | 25% of 116 = _   | 20       | 25       | 27       | 29       |
| 13    | 25% of 164 = _   | 45       | 31       | 41       | 49       |
| 14    | 25% of 812 = _   | 208      | 202      | 194      | 203      |

### Section 28

| Sr.No | Question Content         | Option 1      | Option 2        | Option 3    | Option 4      |
|-------|--------------------------|---------------|-----------------|-------------|---------------|
| 1     | Prime Factors of 50 = _  | 8, 11         | 11, 12, 14      | 2, 5, 5     | 4, 7, 8       |
| 2     | Prime Factors of 26 = _  | 8, 17         | 9, 22           | 2, 13       | 5, 15         |
| 3     | Prime Factors of 87 = _  | 5, 31         | 3, 29           | 8, 33       | 10, 37        |
| 4     | Prime Factors of 88 = _  | 3, 4, 13      | 6, 8, 15        | 9, 10, 20   | 2, 2, 2, 11   |
| 5     | Prime Factors of 74 = _  | 4, 38         | 2, 37           | 6, 42       | 11, 45        |
| 6     | Prime Factors of 237 = _ | 4, 80         | 3, 79           | 7, 85       | 10, 88        |
| 7     | Prime Factors of 536 = _ | 2, 2, 2, 67   | 3, 4, 5, 68     | 6, 7, 8, 71 | 9, 11, 76     |
| 8     | Prime Factors of 750 = _ | 2, 3, 5, 5, 5 | 4, 5, 6, 8      | 8, 9, 10    | 10, 12, 13    |
| 9     | Prime Factors of 934 = _ | 4, 468        | 8, 471          | 2, 467      | 10, 474       |
| 10    | Prime Factors of 630 = _ | 5, 6, 7, 9    | 6, 8, 9, 11, 13 | 11, 12, 15  | 2, 3, 3, 5, 7 |



### Section 29

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | $18 : 222 = \_$  | 8:43     | 8:40     | 5:42     | 3:37     |
| 2     | $14 : 511 = \_$  | 4:79     | 10:81    | 4:76     | 2:73     |
| 3     | $45 : 333 = \_$  | 11:42    | 5:37     | 7:44     | 12:45    |
| 4     | $25 : 145 = \_$  | 14:37    | 5:29     | 12:35    | 12:34    |
| 5     | $40 : 632 = \_$  | 7:81     | 14:80    | 6:87     | 5:79     |
| 6     | $24 : 40 = \_$   | 3:5      | 7:14     | 11:7     | 11:13    |
| 7     | $30 : 18 = \_$   | 12:11    | 7:5      | 13:11    | 5:3      |
| 8     | $45 : 18 = \_$   | 5:2      | 11:9     | 10:3     | 11:11    |
| 9     | $45 : 27 = \_$   | 12:4     | 11:8     | 5:3      | 7:5      |
| 10    | $63 : 18 = \_$   | 7:2      | 12:11    | 9:6      | 11:3     |

### Section 30

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | $174 / 58 = \_$  | 3        | -7       | 8        | -5       |
| 2     | $729 / 81 = \_$  | 5        | 9        | 13       | 10       |
| 3     | $468 / 39 = \_$  | 4        | 18       | 12       | 22       |
| 4     | $900 / 60 = \_$  | 21       | 15       | 5        | 16       |
| 5     | $296 / 74 = \_$  | 4        | 1        | 14       | 11       |