



## Global Mental Math Olympiad 2023

### Practice Sheet 2-Answer Key

#### Master Category (Ages 9-11)

##### Section 1

| Sr.no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | $9 + 8 + 6 = \_$ | 22       | 23       | 24       | 17       |
| 2     | $6 + 2 + 1 = \_$ | 19       | 4        | 18       | 9        |
| 3     | $4 + 9 + 3 = \_$ | 16       | 19       | 9        | 22       |
| 4     | $4 + 2 + 1 = \_$ | 7        | 2        | 1        | 8        |
| 5     | $2 + 1 + 7 = \_$ | 10       | 16       | 13       | 18       |
| 6     | $5 + 3 - 3 = \_$ | 0        | 5        | 2        | 6        |
| 7     | $9 + 6 - 5 = \_$ | 4        | 10       | 18       | 17       |
| 8     | $9 + 8 - 1 = \_$ | 8        | 18       | 16       | 6        |
| 9     | $8 + 7 - 5 = \_$ | 10       | 12       | 18       | 9        |
| 10    | $6 + 3 - 2 = \_$ | 9        | 7        | 4        | 10       |

##### Section 2

| Sr.no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | $55 + 9 = \_$    | 72       | 71       | 66       | 64       |
| 2     | $85 + 4 = \_$    | 84       | 99       | 89       | 91       |
| 3     | $97 + 8 = \_$    | 110      | 115      | 105      | 106      |
| 4     | $81 + 7 = \_$    | 88       | 86       | 79       | 98       |
| 5     | $24 + 1 = \_$    | 35       | 30       | 25       | 16       |
| 6     | $86 - 7 = \_$    | 87       | 75       | 79       | 85       |
| 7     | $83 - 2 = \_$    | 80       | 81       | 87       | 78       |
| 8     | $23 - 5 = \_$    | 18       | 19       | 8        | 20       |
| 9     | $59 - 8 = \_$    | 47       | 51       | 53       | 59       |
| 10    | $58 - 8 = \_$    | 52       | 58       | 46       | 50       |



### Section 3

| Sr.no | Question Content             | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------------|----------|----------|----------|----------|
| 1     | Double of 2 + Half of 98 = _ | 59       | 53       | 63       | 44       |
| 2     | Double of 3 + Half of 10 = _ | 11       | 5        | 13       | 1        |
| 3     | Double of 3 + Half of 6 = _  | 9        | 17       | 15       | 5        |
| 4     | Double of 2 + Half of 64 = _ | 36       | 26       | 33       | 38       |
| 5     | Double of 6 + Half of 88 = _ | 56       | 54       | 60       | 55       |

### Section 4

| Sr.no | Question Content             | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------------|----------|----------|----------|----------|
| 1     | Half of 30 - Double of 6 = _ | 4        | 12       | 3        | 0        |
| 2     | Half of 62 - Double of 7 = _ | 17       | 22       | 14       | 27       |
| 3     | Half of 44 - Double of 6 = _ | 2        | 8        | 10       | 7        |
| 4     | Half of 44 - Double of 4 = _ | 14       | 15       | 6        | 18       |
| 5     | Half of 58 - Double of 1 = _ | 17       | 27       | 34       | 18       |

### Section 5

| Sr.no | Question Content  | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1     | $94 + 6 + 3 = \_$ | 104      | 99       | 103      | 109      |
| 2     | $63 + 5 + 9 = \_$ | 72       | 80       | 77       | 86       |
| 3     | $40 + 9 + 8 = \_$ | 57       | 59       | 63       | 65       |
| 4     | $64 + 7 + 3 = \_$ | 74       | 77       | 72       | 80       |
| 5     | $86 + 9 + 7 = \_$ | 92       | 102      | 108      | 94       |
| 6     | $72 + 7 - 2 = \_$ | 77       | 78       | 81       | 80       |
| 7     | $43 + 8 - 6 = \_$ | 38       | 45       | 36       | 35       |
| 8     | $72 + 8 - 3 = \_$ | 67       | 80       | 84       | 77       |
| 9     | $87 + 8 - 1 = \_$ | 91       | 98       | 94       | 97       |
| 10    | $38 + 5 - 4 = \_$ | 39       | 47       | 38       | 44       |
| 11    | $32 - 5 + 3 = \_$ | 30       | 20       | 27       | 25       |
| 12    | $49 - 7 + 1 = \_$ | 43       | 35       | 52       | 33       |
| 13    | $22 - 5 + 2 = \_$ | 11       | 19       | 10       | 21       |
| 14    | $22 - 3 + 3 = \_$ | 15       | 26       | 28       | 22       |
| 15    | $38 - 8 + 5 = \_$ | 39       | 26       | 35       | 41       |



### Section 6

| Sr.no | Question Content     | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------|----------|----------|----------|----------|
| 1     | $39 \times 100 = \_$ | 3895     | 3900     | 3907     | 3904     |
| 2     | $48 \times 100 = \_$ | 4808     | 4798     | 4806     | 4800     |
| 3     | $35 \times 100 = \_$ | 3500     | 3507     | 3492     | 3509     |
| 4     | $40 \times 100 = \_$ | 4007     | 4006     | 4005     | 4000     |
| 5     | $29 \times 100 = \_$ | 2900     | 2906     | 2890     | 2896     |

### Section 7

| Sr.no | Question Content            | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------|----------|----------|----------|----------|
| 1     | $21 \times 3 \times \_ = 0$ | 63       | 0        | 9        | 6        |
| 2     | $51 \times 1 \times \_ = 0$ | 2        | 0        | 8        | 7        |
| 3     | $28 \times 7 \times \_ = 0$ | 196      | 1        | 0        | 10       |
| 4     | $35 \times 6 \times \_ = 0$ | 210      | 3        | 0        | 5        |
| 5     | $18 \times 3 \times \_ = 0$ | 54       | 18       | 3        | 0        |
| 6     | $39 \times 2 \times 0 = \_$ | 4        | 78       | 0        | 39       |
| 7     | $46 \times 5 \times 0 = \_$ | 7        | 9        | 6        | 0        |
| 8     | $66 \times 7 \times 0 = \_$ | 466      | 66       | 4        | 0        |
| 9     | $66 \times 6 \times 0 = \_$ | 396      | 66       | 0        | 6        |
| 10    | $52 \times 8 \times 0 = \_$ | 416      | 52       | 0        | 6        |

### Section 8

| Sr.no | Question Content       | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------|----------|----------|----------|----------|
| 1     | $7^2 = \_$             | 45       | 49       | 50       | 44       |
| 2     | $9^2 = \_$             | 79       | 81       | 80       | 77       |
| 3     | $8^2 = \_$             | 72       | 64       | 70       | 60       |
| 4     | $1^2 = \_$             | 5        | 7        | 2        | 1        |
| 5     | $5^2 = \_$             | 25       | 24       | 30       | 32       |
| 6     | $8^3 = \_$             | 512      | 518      | 515      | 510      |
| 7     | $1^3 = \_$             | 3        | 5        | 7        | 1        |
| 8     | $5^3 = \_$             | 129      | 128      | 115      | 125      |
| 9     | $4^3 = \_$             | 54       | 62       | 67       | 64       |
| 10    | $3^3 + 5^2 + 4^2 = \_$ | 61       | 68       | 75       | 60       |
| 11    | $9^3 + 4^2 + 2^2 = \_$ | 749      | 755      | 757      | 748      |
| 12    | $2^3 + 9^2 + 9^2 = \_$ | 170      | 166      | 167      | 177      |



|    |                        |     |     |     |     |
|----|------------------------|-----|-----|-----|-----|
| 13 | $2^3 + 7^2 + 4^2 = \_$ | 83  | 73  | 79  | 80  |
| 14 | $6^3 + 2^2 + 2^2 = \_$ | 224 | 217 | 232 | 231 |
| 15 | $8^2 + 4^2 - 4^2 = \_$ | 57  | 64  | 73  | 72  |
| 16 | $8^2 + 7^2 - 6^2 = \_$ | 86  | 81  | 87  | 77  |
| 17 | $7^2 + 4^2 - 2^2 = \_$ | 58  | 61  | 69  | 68  |
| 18 | $6^2 + 4^2 - 3^2 = \_$ | 42  | 44  | 35  | 43  |
| 19 | $4^2 + 2^2 - 1^2 = \_$ | 19  | 22  | 13  | 12  |
| 20 | $6^3 + 6^2 - 1^2 = \_$ | 241 | 254 | 251 | 259 |
| 21 | $7^3 + 8^2 - 8^2 = \_$ | 341 | 342 | 339 | 343 |
| 22 | $5^3 + 6^2 - 5^2 = \_$ | 143 | 139 | 129 | 136 |
| 23 | $9^3 + 9^2 - 1^2 = \_$ | 809 | 801 | 816 | 813 |
| 24 | $8^3 + 6^2 - 3^2 = \_$ | 538 | 539 | 547 | 542 |

### Section 9

| Sr.no | Question Content                 | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------------|----------|----------|----------|----------|
| 1     | Double of 66 - Half of 22 = $\_$ | 120      | 121      | 114      | 131      |
| 2     | Double of 70 - Half of 36 = $\_$ | 113      | 122      | 120      | 129      |
| 3     | Double of 28 - Half of 6 = $\_$  | 53       | 43       | 56       | 59       |
| 4     | Double of 95 - Half of 26 = $\_$ | 179      | 177      | 169      | 183      |
| 5     | Double of 82 - Half of 34 = $\_$ | 147      | 149      | 146      | 137      |

### Section 10

| Sr.no | Question Content              | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------------------|----------|----------|----------|----------|
| 1     | $(9 + 1) \times (3 + 9) = \_$ | 114      | 130      | 129      | 120      |
| 2     | $(8 + 5) \times (1 + 3) = \_$ | 52       | 62       | 46       | 53       |
| 3     | $(7 + 5) \times (6 + 9) = \_$ | 188      | 180      | 173      | 190      |
| 4     | $(7 + 8) \times (1 + 8) = \_$ | 135      | 143      | 125      | 128      |
| 5     | $(1 + 2) \times (8 + 2) = \_$ | 25       | 30       | 33       | 28       |

### Section 11

| Sr.no | Question Content    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------|----------|----------|----------|----------|
| 1     | Triple of 23 = $\_$ | 73       | 76       | 69       | 74       |
| 2     | Triple of 68 = $\_$ | 203      | 204      | 196      | 207      |
| 3     | Triple of 33 = $\_$ | 96       | 92       | 106      | 99       |
| 4     | Triple of 56 = $\_$ | 160      | 170      | 168      | 163      |
| 5     | Triple of 13 = $\_$ | 44       | 45       | 46       | 39       |



### Section 12

| Sr.no | Question Content               | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|--------------------------------|----------|----------|----------|----------|
| 1     | Half of 712 = _                | 358      | 346      | 350      | 356      |
| 2     | Half of 362 = _                | 173      | 181      | 190      | 188      |
| 3     | Half of 334 = _                | 165      | 167      | 163      | 169      |
| 4     | Half of 256 = _                | 134      | 124      | 122      | 128      |
| 5     | Half of 854 = _                | 421      | 420      | 427      | 422      |
| 6     | Double of 53 + Triple of 3 = _ | 107      | 124      | 115      | 106      |
| 7     | Double of 60 + Triple of 3 = _ | 129      | 128      | 136      | 131      |
| 8     | Double of 43 + Triple of 4 = _ | 88       | 96       | 105      | 98       |
| 9     | Double of 27 + Triple of 2 = _ | 69       | 57       | 60       | 70       |
| 10    | Double of 63 + Triple of 9 = _ | 153      | 150      | 154      | 148      |
| 11    | Double of 17 + Half of 28 = _  | 48       | 43       | 46       | 47       |
| 12    | Double of 20 + Half of 62 = _  | 71       | 75       | 74       | 70       |
| 13    | Double of 44 + Half of 94 = _  | 125      | 135      | 127      | 145      |
| 14    | Double of 83 + Half of 40 = _  | 176      | 194      | 186      | 184      |
| 15    | Double of 11 + Half of 66 = _  | 54       | 48       | 55       | 56       |

### Section 13

| Sr.no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | 50 x 10 = _      | 490      | 502      | 500      | 497      |
| 2     | 40 x 10 = _      | 400      | 396      | 409      | 404      |
| 3     | 76 x 10 = _      | 760      | 754      | 768      | 756      |
| 4     | 10 x 10 = _      | 100      | 90       | 98       | 94       |
| 5     | 65 x 10 = _      | 653      | 659      | 650      | 656      |
| 6     | 25 x 10 = _      | 252      | 260      | 243      | 250      |
| 7     | 75 x 10 = _      | 750      | 746      | 743      | 753      |
| 8     | 41 x 10 = _      | 401      | 420      | 408      | 410      |
| 9     | 32 x 10 = _      | 321      | 320      | 314      | 325      |
| 10    | 99 x 10 = _      | 983      | 990      | 996      | 1000     |
| 11    | 35 x 2 = _       | 70       | 69       | 63       | 67       |
| 12    | 25 x 7 = _       | 178      | 180      | 175      | 176      |
| 13    | 45 x 9 = _       | 406      | 395      | 405      | 410      |
| 14    | 30 x 7 = _       | 216      | 207      | 200      | 210      |
| 15    | 10 x 7 = _       | 62       | 69       | 73       | 70       |
| 16    | 35 x 3 = _       | 105      | 95       | 113      | 96       |
| 17    | 15 x 3 = _       | 51       | 36       | 50       | 45       |



|    |                                     |     |     |     |     |
|----|-------------------------------------|-----|-----|-----|-----|
| 18 | $10 \times 9 = \underline{\quad}$   | 87  | 99  | 91  | 90  |
| 19 | $30 \times 3 = \underline{\quad}$   | 100 | 90  | 99  | 82  |
| 20 | $35 \times 6 = \underline{\quad}$   | 210 | 216 | 217 | 218 |
| 21 | $16 \times 9 = \underline{\quad}$   | 145 | 138 | 152 | 144 |
| 22 | $88 \times 2 = \underline{\quad}$   | 186 | 167 | 176 | 185 |
| 23 | $21 \times 6 = \underline{\quad}$   | 117 | 128 | 126 | 116 |
| 24 | $49 \times 3 = \underline{\quad}$   | 139 | 138 | 147 | 155 |
| 25 | $14 \times 5 = \underline{\quad}$   | 75  | 70  | 69  | 68  |
| 26 | $56 \times 8 = \underline{\quad}$   | 448 | 449 | 457 | 445 |
| 27 | $28 \times 8 = \underline{\quad}$   | 231 | 229 | 224 | 228 |
| 28 | $31 \times 7 = \underline{\quad}$   | 225 | 214 | 215 | 217 |
| 29 | $88 \times 8 = \underline{\quad}$   | 704 | 697 | 696 | 702 |
| 30 | $19 \times 2 = \underline{\quad}$   | 37  | 38  | 45  | 47  |
| 31 | $62 \times \underline{\quad} = 186$ | 3   | 2   | 10  | 4   |
| 32 | $13 \times \underline{\quad} = 26$  | 11  | 1   | 0   | 2   |
| 33 | $14 \times \underline{\quad} = 126$ | 17  | 2   | 14  | 9   |
| 34 | $56 \times \underline{\quad} = 280$ | 9   | 4   | 14  | 5   |
| 35 | $50 \times \underline{\quad} = 350$ | 0   | 11  | 7   | 12  |
| 36 | $81 \times \underline{\quad} = 729$ | 15  | 17  | 4   | 9   |
| 37 | $36 \times \underline{\quad} = 288$ | 1   | 4   | 8   | 6   |
| 38 | $14 \times \underline{\quad} = 98$  | 7   | 16  | 10  | 2   |
| 39 | $17 \times \underline{\quad} = 34$  | 17  | 16  | 1   | 2   |
| 40 | $67 \times \underline{\quad} = 402$ | 16  | 6   | 16  | 7   |

#### Section 14

| Sr.no | Question Content              | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------------------|----------|----------|----------|----------|
| 1     | $94 + 43 = \underline{\quad}$ | 134      | 129      | 145      | 137      |
| 2     | $94 + 22 = \underline{\quad}$ | 108      | 106      | 116      | 126      |
| 3     | $51 + 10 = \underline{\quad}$ | 66       | 60       | 61       | 65       |
| 4     | $20 + 68 = \underline{\quad}$ | 88       | 83       | 86       | 89       |
| 5     | $18 + 57 = \underline{\quad}$ | 65       | 75       | 71       | 69       |
| 6     | $19 - 14 = \underline{\quad}$ | 1        | 5        | 0        | 33       |
| 7     | $80 - 80 = \underline{\quad}$ | 10       | 0        | 5        | 6        |
| 8     | $29 - 20 = \underline{\quad}$ | 8        | 14       | 3        | 9        |
| 9     | $67 - 60 = \underline{\quad}$ | 11       | 3        | 127      | 7        |
| 10    | $73 - 20 = \underline{\quad}$ | 57       | 62       | 53       | 60       |



### Section 15

| Sr.no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | Half of 4896 = _ | 2449     | 2448     | 2451     | 2455     |
| 2     | Half of 8192 = _ | 4096     | 4105     | 4091     | 4104     |
| 3     | Half of 3938 = _ | 1965     | 1969     | 1976     | 1963     |
| 4     | Half of 6520 = _ | 3269     | 3260     | 3255     | 3253     |
| 5     | Half of 8048 = _ | 4020     | 4028     | 4024     | 4032     |

### Section 16

| Sr.no | Question Content    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------|----------|----------|----------|----------|
| 1     | 64, 24, 65 Mean = _ | 56       | 41       | 51       | 58       |
| 2     | 44, 51, 79 Mean = _ | 66       | 59       | 55       | 58       |
| 3     | 27, 32, 64 Mean = _ | 50       | 41       | 40       | 51       |
| 4     | 86, 22, 87 Mean = _ | 55       | 58       | 62       | 65       |
| 5     | 65, 66, 52 Mean = _ | 60       | 61       | 62       | 67       |
| 6     | 87, 60, 15 Mean = _ | 52       | 54       | 56       | 48       |
| 7     | 42, 35, 58 Mean = _ | 40       | 48       | 39       | 45       |
| 8     | 30, 45, 18 Mean = _ | 31       | 24       | 41       | 40       |
| 9     | 58, 34, 49 Mean = _ | 42       | 45       | 52       | 47       |
| 10    | 95, 78, 34 Mean = _ | 73       | 64       | 69       | 75       |

### Section 17

| Sr.no | Question Content                                   | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|--|----------|----------|----------|----------|
| 1     | Cost price = 11, Selling Price = 6<br>Loss = _     | 9        | 13       | 5        | 4        |
| 2     | Cost price = 39, Selling Price = 17<br>Loss = _    | 28       | 22       | 12       | 27       |
| 3     | Cost price = 93, Selling Price = 142<br>Profit = _ | 52       | 51       | 41       | 49       |
| 4     | Cost price = 73, Selling Price = 26<br>Loss = _    | 51       | 50       | 47       | 55       |
| 5     | Cost price = 20, Selling Price = 33<br>Profit = _  | 16       | 12       | 10       | 13       |
| 6     | Cost price = 63, Selling Price = 27<br>Loss = _    | 36       | 27       | 29       | 37       |
| 7     | Cost price = 35, Selling Price = 58<br>Profit = _  | 33       | 18       | 15       | 23       |



|    |   |    |    |    |    |
|----|---|----|----|----|----|
| 8  | Cost price = 32, Selling Price = 11<br>Loss = _   | 28 | 21 | 27 | 22 |
| 9  | Cost price = 46, Selling Price = 20<br>Loss = _   | 36 | 26 | 22 | 21 |
| 10 | Cost price = 45, Selling Price = 77<br>Profit = _ | 23 | 32 | 37 | 33 |

### Section 18

| Sr.no | Question Content     | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------|----------|----------|----------|----------|
| 1     | 76 / 4 Quotient = _  | 24       | 28       | 22       | 19       |
| 2     | 40 / 8 Quotient = _  | 2        | 9        | 0        | 5        |
| 3     | 86 / 2 Quotient = _  | 53       | 33       | 40       | 43       |
| 4     | 60 / 4 Quotient = _  | 15       | 16       | 23       | 12       |
| 5     | 26 / 2 Quotient = _  | 12       | 20       | 10       | 13       |
| 6     | 147 / 7 Quotient = _ | 18       | 21       | 20       | 30       |
| 7     | 684 / 2 Quotient = _ | 332      | 348      | 342      | 339      |
| 8     | 189 / 9 Quotient = _ | 21       | 25       | 29       | 22       |
| 9     | 495 / 3 Quotient = _ | 164      | 165      | 171      | 160      |
| 10    | 220 / 5 Quotient = _ | 44       | 40       | 39       | 34       |

### Section 19

| Sr.no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1     | 25% of 16 = _    | 14       | 4        | 6        | 3        |
| 2     | 50% of 54 = _    | 27       | 21       | 17       | 34       |
| 3     | 20% of 85 = _    | 20       | 17       | 14       | 13       |
| 4     | 25% of 68 = _    | 25       | 12       | 7        | 17       |
| 5     | 50% of 98 = _    | 57       | 49       | 55       | 54       |
| 6     | 25% of 28 = _    | 13       | 16       | 7        | 5        |
| 7     | 50% of 82 = _    | 46       | 40       | 43       | 41       |
| 8     | 25% of 76 = _    | 19       | 12       | 26       | 16       |



### Section 20

| Sr.no | Question Content                        | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---|----------|----------|----------|----------|
| 1     | $5.33 \times 10 = \underline{\quad}$    | 57.3     | 55.3     | 59.3     | 53.3     |
| 2     | $8.55 \times 10 = \underline{\quad}$    | 86.5     | 92.5     | 94.5     | 85.5     |
| 3     | $2.9 \times 10 = \underline{\quad}$     | 37       | 29       | 31       | 35       |
| 4     | $9.57 \times 10 = \underline{\quad}$    | 95.7     | 98.7     | 97.7     | 103.7    |
| 5     | $3.27 \times 10 = \underline{\quad}$    | 34.7     | 33.7     | 32.7     | 38.7     |
| 6     | $221.07 \times 100 = \underline{\quad}$ | 22114    | 22112    | 22106    | 22107    |
| 7     | $602.49 \times 100 = \underline{\quad}$ | 60259    | 60240    | 60247    | 60249    |
| 8     | $778.83 \times 100 = \underline{\quad}$ | 77891    | 77883    | 77889    | 77875    |
| 9     | $631.25 \times 100 = \underline{\quad}$ | 63125    | 63133    | 63134    | 63119    |
| 10    | $661.32 \times 100 = \underline{\quad}$ | 66132    | 66126    | 66125    | 66129    |
| 11    | $5.41 \times 100 = \underline{\quad}$   | 549      | 547      | 532      | 541      |
| 12    | $4.2 \times 100 = \underline{\quad}$    | 415      | 414      | 420      | 411      |
| 13    | $4.04 \times 100 = \underline{\quad}$   | 395      | 411      | 400      | 404      |
| 14    | $9.02 \times 100 = \underline{\quad}$   | 902      | 908      | 895      | 899      |
| 15    | $4.28 \times 100 = \underline{\quad}$   | 428      | 438      | 432      | 433      |

### Section 21

| Sr.no | Question Content           | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------|----------|----------|----------|----------|
| 1     | $95^2 = \underline{\quad}$ | 9025     | 9020     | 9033     | 9028     |
| 2     | $62^2 = \underline{\quad}$ | 3840     | 3847     | 3851     | 3844     |
| 3     | $46^2 = \underline{\quad}$ | 2119     | 2121     | 2116     | 2117     |
| 4     | $64^2 = \underline{\quad}$ | 4088     | 4096     | 4104     | 4089     |
| 5     | $65^2 = \underline{\quad}$ | 4225     | 4219     | 4235     | 4222     |

### Section 22

| Sr.no | Question Content                      | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------------------|----------|----------|----------|----------|
| 1     | $\underline{\quad} \times 100 = 4900$ | 49       | 54       | 57       | 45       |
| 2     | $\underline{\quad} \times 100 = 9600$ | 102      | 96       | 95       | 94       |
| 3     | $\underline{\quad} \times 100 = 3700$ | 37       | 44       | 43       | 38       |
| 4     | $\underline{\quad} \times 100 = 5700$ | 65       | 66       | 63       | 57       |
| 5     | $\underline{\quad} \times 100 = 4000$ | 43       | 50       | 40       | 48       |



### Section 23

| Sr.no | Question Content    | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------|----------|----------|----------|----------|
| 1     | $9.76 + 7.238 = \_$ | 16.998   | 20.998   | 25.998   | 24.998   |
| 2     | $5.13 + 7.409 = \_$ | 15.539   | 17.539   | 13.539   | 12.539   |
| 3     | $9.91 + 6.159 = \_$ | 18.069   | 20.069   | 22.069   | 16.069   |
| 4     | $7.71 + 3.462 = \_$ | 13.172   | 15.172   | 11.172   | 17.172   |
| 5     | $4.03 + 6.523 = \_$ | 19.553   | 12.553   | 10.553   | 18.553   |