



Bahrain Mental Math Olympiad 2026

Practice Sheet 1

Grandmaster Category (Ages 12 & Above)

Section 1

| Sr.no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1 | $60 + 5 - 4 = _$ | 62 | 55 | 67 | 61 |
| 2 | $56 + 2 - 2 = _$ | 49 | 64 | 56 | 66 |
| 3 | $45 + 4 - 2 = _$ | 44 | 47 | 53 | 48 |
| 4 | $62 + 7 - 7 = _$ | 62 | 53 | 71 | 56 |
| 5 | $10 + 2 - 1 = _$ | 19 | 11 | 10 | 6 |
| 6 | $71 + 7 - 2 = _$ | 70 | 68 | 76 | 73 |
| 7 | $68 + 7 - 3 = _$ | 79 | 72 | 65 | 80 |
| 8 | $40 + 9 - 8 = _$ | 36 | 34 | 37 | 41 |
| 9 | $13 + 9 - 8 = _$ | 24 | 5 | 14 | 20 |
| 10 | $42 + 6 - 5 = _$ | 43 | 46 | 53 | 52 |
| 11 | $39 - 7 - 2 = _$ | 23 | 22 | 27 | 30 |
| 12 | $23 - 8 - 1 = _$ | 14 | 11 | 20 | 22 |
| 13 | $11 - 9 - 1 = _$ | 2 | 1 | 5 | 7 |
| 14 | $12 - 5 - 1 = _$ | 6 | 13 | 3 | 5 |
| 15 | $48 - 3 - 1 = _$ | 44 | 42 | 40 | 54 |
| 16 | $38 - 5 - 2 = _$ | 41 | 34 | 31 | 22 |
| 17 | $16 - 7 - 2 = _$ | 0 | 9 | 17 | 7 |
| 18 | $56 - 4 - 4 = _$ | 41 | 45 | 40 | 48 |
| 19 | $39 - 8 - 3 = _$ | 26 | 23 | 28 | 22 |
| 20 | $76 - 5 - 4 = _$ | 74 | 67 | 64 | 68 |

Section 2

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1 | $83 + 58 = _$ | 148 | 133 | 141 | 134 |
| 2 | $44 + 69 = _$ | 113 | 121 | 103 | 106 |
| 3 | $88 + 36 = _$ | 118 | 119 | 121 | 124 |
| 4 | $74 + 15 = _$ | 89 | 84 | 79 | 92 |



| | | | | | |
|----|-------------------------------|-----|-----|-----|-----|
| 5 | $50 + 64 = \underline{\quad}$ | 111 | 107 | 123 | 114 |
| 6 | $37 + 53 = \underline{\quad}$ | 90 | 93 | 84 | 87 |
| 7 | $86 + 86 = \underline{\quad}$ | 170 | 172 | 163 | 175 |
| 8 | $28 + 32 = \underline{\quad}$ | 63 | 60 | 50 | 57 |
| 9 | $94 + 74 = \underline{\quad}$ | 171 | 175 | 169 | 168 |
| 10 | $74 + 59 = \underline{\quad}$ | 134 | 127 | 133 | 143 |

Section 3

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------------------|----------|----------|----------|----------|
| 1 | $65 + 60 - 37 = \underline{\quad}$ | 89 | 78 | 88 | 87 |
| 2 | $93 + 32 - 30 = \underline{\quad}$ | 89 | 85 | 103 | 95 |
| 3 | $97 + 56 - 28 = \underline{\quad}$ | 135 | 125 | 123 | 117 |
| 4 | $91 + 63 - 41 = \underline{\quad}$ | 122 | 110 | 119 | 113 |
| 5 | $99 + 74 - 52 = \underline{\quad}$ | 130 | 115 | 121 | 116 |
| 6 | $70 + 70 - 13 = \underline{\quad}$ | 128 | 127 | 126 | 124 |
| 7 | $98 + 88 - 62 = \underline{\quad}$ | 133 | 121 | 126 | 124 |
| 8 | $79 + 65 - 24 = \underline{\quad}$ | 118 | 120 | 121 | 128 |
| 9 | $74 + 34 - 19 = \underline{\quad}$ | 99 | 86 | 89 | 98 |
| 10 | $80 + 79 - 64 = \underline{\quad}$ | 95 | 88 | 105 | 99 |
| 11 | $72 - 63 - 2 = \underline{\quad}$ | 11 | 17 | 7 | 9 |
| 12 | $81 - 40 - 14 = \underline{\quad}$ | 34 | 27 | 36 | 29 |
| 13 | $95 - 46 - 17 = \underline{\quad}$ | 31 | 29 | 35 | 32 |
| 14 | $58 - 22 - 19 = \underline{\quad}$ | 17 | 14 | 12 | 8 |
| 15 | $73 - 46 - 10 = \underline{\quad}$ | 19 | 26 | 17 | 9 |
| 16 | $98 - 74 - 14 = \underline{\quad}$ | 4 | 13 | 10 | 3 |
| 17 | $96 - 81 - 11 = \underline{\quad}$ | 4 | 15 | 7 | 6 |
| 18 | $81 - 59 - 16 = \underline{\quad}$ | 15 | 6 | 11 | 16 |
| 19 | $51 - 37 - 13 = \underline{\quad}$ | 10 | 14 | 1 | 6 |
| 20 | $54 - 35 - 10 = \underline{\quad}$ | 9 | 14 | 17 | 3 |

Section 4

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---|----------|----------|----------|----------|
| 1 | Double of 22 + Half of 38 = $\underline{\quad}$ | 73 | 63 | 65 | 72 |
| 2 | Double of 87 + Half of 38 = $\underline{\quad}$ | 193 | 201 | 202 | 184 |
| 3 | Double of 95 + Half of 80 = $\underline{\quad}$ | 236 | 239 | 230 | 224 |



| | | | | | |
|----|-------------------------------|-----|-----|-----|-----|
| 4 | Double of 33 + Half of 52 = _ | 102 | 94 | 92 | 93 |
| 5 | Double of 60 + Half of 86 = _ | 163 | 156 | 171 | 158 |
| 6 | Double of 31 + Half of 84 = _ | 98 | 104 | 100 | 102 |
| 7 | Double of 86 + Half of 88 = _ | 216 | 221 | 224 | 222 |
| 8 | Double of 75 + Half of 82 = _ | 184 | 197 | 192 | 191 |
| 9 | Double of 49 + Half of 84 = _ | 138 | 140 | 137 | 131 |
| 10 | Double of 43 + Half of 44 = _ | 108 | 103 | 117 | 102 |
| 11 | Double of 76 = _ | 158 | 152 | 147 | 143 |
| 12 | Double of 38 = _ | 73 | 81 | 76 | 67 |
| 13 | Double of 92 = _ | 186 | 174 | 184 | 180 |
| 14 | Double of 97 = _ | 196 | 185 | 187 | 194 |
| 15 | Double of 11 = _ | 22 | 18 | 14 | 24 |
| 16 | Double of 73 = _ | 154 | 146 | 141 | 136 |
| 17 | Double of 13 = _ | 24 | 17 | 31 | 26 |
| 18 | Double of 34 = _ | 76 | 68 | 73 | 71 |
| 19 | Double of 67 = _ | 144 | 138 | 134 | 126 |
| 20 | Double of 23 = _ | 39 | 46 | 44 | 40 |

Section 5

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1 | Half of 706 = _ | 348 | 361 | 353 | 358 |
| 2 | Half of 474 = _ | 237 | 236 | 241 | 234 |
| 3 | Half of 134 = _ | 62 | 71 | 67 | 64 |
| 4 | Half of 588 = _ | 301 | 294 | 304 | 299 |
| 5 | Half of 328 = _ | 161 | 164 | 158 | 159 |
| 6 | Half of 750 = _ | 375 | 376 | 382 | 384 |
| 7 | Half of 998 = _ | 490 | 499 | 497 | 504 |
| 8 | Half of 306 = _ | 153 | 162 | 157 | 150 |
| 9 | Half of 788 = _ | 395 | 388 | 393 | 394 |
| 10 | Half of 436 = _ | 218 | 220 | 228 | 222 |
| 11 | Double of 977 = _ | 1954 | 1956 | 1948 | 1952 |
| 12 | Double of 420 = _ | 840 | 843 | 850 | 834 |
| 13 | Double of 620 = _ | 1240 | 1247 | 1234 | 1232 |
| 14 | Double of 890 = _ | 1773 | 1772 | 1780 | 1789 |
| 15 | Double of 306 = _ | 610 | 611 | 614 | 612 |



| | | | | | |
|----|-------------------|------|------|------|------|
| 16 | Double of 688 = _ | 1376 | 1374 | 1367 | 1382 |
| 17 | Double of 536 = _ | 1071 | 1070 | 1072 | 1077 |
| 18 | Double of 900 = _ | 1804 | 1810 | 1808 | 1800 |
| 19 | Double of 576 = _ | 1152 | 1145 | 1154 | 1159 |
| 20 | Double of 244 = _ | 491 | 482 | 488 | 496 |

Section 6

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------------|----------|----------|----------|----------|
| 1 | Double of 34 + Half of 182 = _ | 166 | 159 | 156 | 161 |
| 2 | Double of 73 + Half of 166 = _ | 238 | 232 | 222 | 229 |
| 3 | Double of 13 + Half of 108 = _ | 74 | 76 | 71 | 80 |
| 4 | Double of 30 + Half of 196 = _ | 158 | 167 | 150 | 152 |
| 5 | Double of 42 + Half of 198 = _ | 188 | 185 | 173 | 183 |
| 6 | Double of 75 + Half of 194 = _ | 254 | 240 | 256 | 247 |
| 7 | Double of 88 + Half of 176 = _ | 258 | 273 | 264 | 254 |
| 8 | Double of 10 + Half of 178 = _ | 103 | 109 | 116 | 112 |
| 9 | Double of 78 + Half of 158 = _ | 235 | 233 | 244 | 225 |
| 10 | Double of 94 + Half of 188 = _ | 282 | 272 | 285 | 284 |
| 11 | Double of 25 + Double of 97 = _ | 244 | 241 | 239 | 237 |
| 12 | Double of 92 + Double of 66 = _ | 309 | 320 | 316 | 319 |
| 13 | Double of 24 + Double of 20 = _ | 92 | 90 | 88 | 89 |
| 14 | Double of 84 + Double of 28 = _ | 224 | 229 | 216 | 228 |
| 15 | Double of 97 + Double of 21 = _ | 245 | 240 | 236 | 237 |
| 16 | Double of 65 + Double of 31 = _ | 197 | 192 | 200 | 193 |
| 17 | Double of 31 + Double of 39 = _ | 140 | 146 | 150 | 142 |
| 18 | Double of 98 + Double of 49 = _ | 294 | 288 | 292 | 286 |
| 19 | Double of 44 + Double of 53 = _ | 197 | 194 | 190 | 185 |
| 20 | Double of 34 + Double of 38 = _ | 146 | 149 | 140 | 144 |

Section 7

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1 | Triple of 58 = _ | 172 | 181 | 165 | 174 |
| 2 | Triple of 93 = _ | 279 | 280 | 274 | 270 |
| 3 | Triple of 86 = _ | 256 | 258 | 265 | 266 |
| 4 | Triple of 78 = _ | 234 | 239 | 241 | 230 |
| 5 | Triple of 80 = _ | 235 | 240 | 232 | 249 |



Section 8

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1 | Triple of 655 = _ | 1965 | 1955 | 1970 | 1966 |
| 2 | Triple of 153 = _ | 453 | 452 | 463 | 459 |
| 3 | Triple of 184 = _ | 548 | 561 | 552 | 551 |
| 4 | Triple of 542 = _ | 1616 | 1626 | 1617 | 1627 |
| 5 | Triple of 278 = _ | 830 | 838 | 834 | 836 |

Section 9

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------|----------|----------|----------|----------|
| 1 | 70, 33, 86 Mean = _ | 71 | 63 | 67 | 62 |
| 2 | 58, 12, 65 Mean = _ | 52 | 45 | 35 | 39 |
| 3 | 45, 31, 41 Mean = _ | 37 | 47 | 32 | 39 |
| 4 | 67, 94, 19 Mean = _ | 55 | 57 | 60 | 68 |
| 5 | 84, 71, 94 Mean = _ | 91 | 75 | 83 | 93 |
| 6 | 68, 92, 83 Mean = _ | 81 | 72 | 86 | 85 |
| 7 | 86, 29, 65 Mean = _ | 50 | 67 | 60 | 51 |
| 8 | 17, 70, 89, 74, 60 Mean = _ | 58 | 64 | 53 | 62 |
| 9 | 93, 22, 61, 31, 53 Mean = _ | 52 | 49 | 60 | 46 |
| 10 | 52, 14, 38, 92, 89 Mean = _ | 57 | 48 | 47 | 50 |
| 11 | 57, 59, 21, 35, 68 Mean = _ | 53 | 43 | 48 | 58 |
| 12 | 44, 85, 31, 84, 86 Mean = _ | 57 | 64 | 66 | 59 |
| 13 | 56, 34, 79, 20, 96 Mean = _ | 64 | 57 | 56 | 49 |
| 14 | 73, 56, 14, 76, 91 Mean = _ | 55 | 56 | 65 | 62 |
| 15 | Half of 4924 = _ | 2466 | 2455 | 2463 | 2462 |
| 16 | Half of 6454 = _ | 3227 | 3224 | 3234 | 3237 |
| 17 | Half of 7722 = _ | 3854 | 3864 | 3861 | 3867 |
| 18 | Half of 6550 = _ | 3277 | 3265 | 3266 | 3275 |
| 19 | Half of 7796 = _ | 3895 | 3890 | 3905 | 3898 |



Section 10

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---|----------|----------|----------|----------|
| 1 | Cost price = 418, Selling Price = 724 Profit = __ | 306 | 316 | 296 | 314 |
| 2 | Cost price = 681, Selling Price = 442 Loss = __ | 232 | 236 | 245 | 239 |
| 3 | Cost price = 439, Selling Price = 158 Loss = __ | 279 | 288 | 281 | 284 |
| 4 | Cost price = 396, Selling Price = 654 Profit = __ | 258 | 256 | 254 | 250 |
| 5 | Cost price = 640, Selling Price = 884 Profit = __ | 253 | 247 | 241 | 244 |
| 6 | Cost price = 950, Selling Price = 551 Loss = __ | 392 | 406 | 399 | 389 |
| 7 | Cost price = 925, Selling Price = 296 Loss = __ | 623 | 624 | 629 | 627 |
| 8 | Cost price = 386, Selling Price = 135 Loss = __ | 255 | 248 | 258 | 251 |
| 9 | Cost price = 429, Selling Price = 261 Loss = __ | 173 | 174 | 160 | 168 |
| 10 | Cost price = 165, Selling Price = 231 Profit = __ | 62 | 74 | 66 | 76 |
| 11 | Cost price = 497, Selling Price = 776 Profit = __ | 287 | 269 | 274 | 279 |
| 12 | Cost price = 318, Selling Price = 532 Profit = __ | 222 | 214 | 204 | 207 |
| 13 | Cost price = 786, Selling Price = 1337 Profit = __ | 561 | 543 | 559 | 551 |
| 14 | Cost price = 734, Selling Price = 1131 Profit = __ | 399 | 387 | 405 | 397 |

Section 11

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1 | $1^2 = _$ | 2 | 3 | 11 | 1 |
| 2 | $2^2 = _$ | 4 | 6 | 22 | 2 |
| 3 | $9^2 = _$ | 72 | 81 | 79 | 77 |
| 4 | $5^2 = _$ | 35 | 21 | 27 | 25 |
| 5 | $70^2 = _$ | 4900 | 4895 | 4909 | 4902 |
| 6 | $36^2 = _$ | 1303 | 1287 | 1305 | 1296 |
| 7 | $32^2 = _$ | 1027 | 1020 | 1017 | 1024 |
| 8 | $50^2 = _$ | 2499 | 2500 | 2490 | 2498 |



| | | | | | |
|----|-------------|------|------|------|------|
| 9 | $40^2 = _$ | 1600 | 1592 | 1608 | 1606 |
| 10 | $31^2 = _$ | 958 | 971 | 961 | 956 |
| 11 | $81^2 = _$ | 6552 | 6571 | 6561 | 6551 |
| 12 | $65^2 = _$ | 4220 | 4225 | 4228 | 4233 |
| 13 | $45^2 = _$ | 2034 | 2025 | 2017 | 2031 |
| 14 | $58^2 = _$ | 3366 | 3369 | 3364 | 3372 |

Section 12

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------|----------|----------|----------|----------|
| 1 | $207 + 58 - 1 = _$ | 258 | 262 | 264 | 265 |
| 2 | $162 + 16 - 5 = _$ | 167 | 170 | 173 | 183 |
| 3 | $939 + 48 - 5 = _$ | 981 | 977 | 991 | 982 |
| 4 | $234 + 58 - 8 = _$ | 291 | 284 | 279 | 288 |
| 5 | $732 + 21 - 4 = _$ | 747 | 759 | 740 | 749 |
| 6 | $586 - 86 + 3 = _$ | 496 | 503 | 499 | 509 |
| 7 | $980 - 80 + 2 = _$ | 896 | 902 | 898 | 904 |
| 8 | $584 - 37 + 7 = _$ | 555 | 560 | 554 | 561 |
| 9 | $272 - 97 + 9 = _$ | 193 | 184 | 182 | 192 |
| 10 | $289 - 56 + 9 = _$ | 236 | 238 | 242 | 234 |

Section 13

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------|----------|----------|----------|----------|
| 1 | $88 \times _ = 440$ | 4 | 0 | 5 | 6 |
| 2 | $72 \times _ = 432$ | 11 | 5 | 6 | 7 |
| 3 | $25 \times _ = 150$ | 11 | 3 | 6 | 16 |
| 4 | $55 \times _ = 330$ | 5 | 9 | 15 | 6 |
| 5 | $82 \times _ = 738$ | 9 | 13 | 19 | 3 |
| 6 | $14 \times _ = 42$ | 0 | 3 | 4 | 5 |
| 7 | $92 \times _ = 460$ | 5 | 4 | 7 | 1 |
| 8 | $38 \times _ = 76$ | 3 | 4 | 2 | 8 |
| 9 | $12 \times _ = 60$ | 9 | 8 | 5 | 10 |
| 10 | $88 \times _ = 352$ | 14 | 4 | 12 | 10 |



Section 14

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|--|----------|----------|----------|----------|
| 1 | $3 \times 3 \times 8 = \underline{\hspace{1cm}}$ | 79 | 66 | 69 | 72 |
| 2 | $7 \times 7 \times 4 = \underline{\hspace{1cm}}$ | 204 | 198 | 196 | 200 |
| 3 | $5 \times 4 \times 1 = \underline{\hspace{1cm}}$ | 28 | 13 | 20 | 18 |
| 4 | $7 \times 1 \times 2 = \underline{\hspace{1cm}}$ | 5 | 14 | 15 | 12 |
| 5 | $6 \times 9 \times 3 = \underline{\hspace{1cm}}$ | 164 | 165 | 162 | 152 |
| 6 | $8 \times 2 \times 5 = \underline{\hspace{1cm}}$ | 74 | 80 | 87 | 76 |
| 7 | $2 \times 6 \times 8 = \underline{\hspace{1cm}}$ | 96 | 90 | 106 | 100 |
| 8 | $7 \times 7 \times 5 = \underline{\hspace{1cm}}$ | 238 | 252 | 239 | 245 |
| 9 | $7 \times 7 \times 1 = \underline{\hspace{1cm}}$ | 55 | 49 | 56 | 47 |
| 10 | $4 \times 4 \times 6 = \underline{\hspace{1cm}}$ | 87 | 101 | 96 | 86 |

Section 15

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---|----------|----------|----------|----------|
| 1 | $44 \times 78 = \underline{\hspace{1cm}}$ | 3439 | 3438 | 3430 | 3432 |
| 2 | $34 \times 23 = \underline{\hspace{1cm}}$ | 784 | 785 | 782 | 789 |
| 3 | $81 \times 11 = \underline{\hspace{1cm}}$ | 899 | 891 | 896 | 888 |
| 4 | $84 \times 29 = \underline{\hspace{1cm}}$ | 2443 | 2427 | 2436 | 2445 |
| 5 | $70 \times 44 = \underline{\hspace{1cm}}$ | 3087 | 3077 | 3075 | 3080 |
| 6 | $76 \times 39 = \underline{\hspace{1cm}}$ | 2974 | 2961 | 2964 | 2960 |
| 7 | $25 \times 58 = \underline{\hspace{1cm}}$ | 1444 | 1448 | 1450 | 1459 |
| 8 | $51 \times 44 = \underline{\hspace{1cm}}$ | 2254 | 2247 | 2244 | 2234 |
| 9 | $23 \times 97 = \underline{\hspace{1cm}}$ | 2231 | 2222 | 2237 | 2229 |
| 10 | $88 \times 74 = \underline{\hspace{1cm}}$ | 6502 | 6518 | 6507 | 6512 |
| 11 | $\sqrt{441} = \underline{\hspace{1cm}}$ | 21 | 17 | 27 | 16 |
| 12 | $\sqrt{841} = \underline{\hspace{1cm}}$ | 19 | 20 | 38 | 29 |
| 13 | $\sqrt{676} = \underline{\hspace{1cm}}$ | 22 | 27 | 26 | 20 |
| 14 | $\sqrt{225} = \underline{\hspace{1cm}}$ | 5 | 16 | 9 | 15 |
| 15 | $\sqrt{100} = \underline{\hspace{1cm}}$ | 1 | 10 | 18 | 3 |
| 16 | $\sqrt{7056} = \underline{\hspace{1cm}}$ | 92 | 82 | 74 | 84 |
| 17 | $\sqrt{4900} = \underline{\hspace{1cm}}$ | 70 | 72 | 75 | 77 |
| 18 | $\sqrt{5625} = \underline{\hspace{1cm}}$ | 71 | 79 | 75 | 83 |
| 19 | $\sqrt{8100} = \underline{\hspace{1cm}}$ | 98 | 96 | 90 | 93 |
| 20 | $\sqrt{6084} = \underline{\hspace{1cm}}$ | 70 | 79 | 68 | 78 |
| 21 | $\sqrt{9409} = \underline{\hspace{1cm}}$ | 90 | 101 | 107 | 97 |
| 22 | $\sqrt{3025} = \underline{\hspace{1cm}}$ | 48 | 55 | 62 | 49 |
| 23 | $\sqrt{5476} = \underline{\hspace{1cm}}$ | 66 | 67 | 68 | 74 |
| 24 | $\sqrt{5329} = \underline{\hspace{1cm}}$ | 73 | 82 | 78 | 75 |
| 25 | $\sqrt{1849} = \underline{\hspace{1cm}}$ | 43 | 42 | 36 | 39 |



Section 16

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------------|----------|----------|----------|----------|
| 1 | Cube Root of 35937 = _ | 25 | 36 | 41 | 33 |
| 2 | Cube Root of 27000 = _ | 34 | 38 | 25 | 30 |
| 3 | Cube Root of 42875 = _ | 35 | 38 | 36 | 26 |
| 4 | Cube Root of 91125 = _ | 55 | 50 | 37 | 45 |
| 5 | Cube Root of 17576 = _ | 17 | 34 | 20 | 26 |
| 6 | Cube Root of 74088 = _ | 37 | 49 | 42 | 43 |
| 7 | Cube Root of 29791 = _ | 31 | 21 | 22 | 30 |
| 8 | Cube Root of 46656 = _ | 44 | 37 | 36 | 33 |
| 9 | Cube Root of 85184 = _ | 47 | 38 | 44 | 46 |
| 10 | Cube Root of 21952 = _ | 25 | 28 | 36 | 27 |

Section 17

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1 | $857 + 99 = _$ | 951 | 956 | 958 | 955 |
| 2 | $118 + 89 = _$ | 207 | 216 | 204 | 197 |
| 3 | $473 + 67 = _$ | 541 | 540 | 543 | 535 |
| 4 | $230 + 24 = _$ | 248 | 262 | 257 | 254 |
| 5 | $210 + 60 = _$ | 268 | 273 | 280 | 270 |
| 6 | $845 - 69 = _$ | 776 | 786 | 771 | 767 |
| 7 | $273 - 84 = _$ | 189 | 192 | 199 | 183 |
| 8 | $305 - 46 = _$ | 262 | 259 | 255 | 251 |
| 9 | $172 - 89 = _$ | 90 | 86 | 83 | 74 |
| 10 | $803 - 80 = _$ | 726 | 716 | 723 | 719 |

Section 18

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------|----------|----------|----------|----------|
| 1 | $592 + 125 = _$ | 725 | 707 | 717 | 714 |
| 2 | $478 + 327 = _$ | 804 | 813 | 810 | 805 |
| 3 | $620 + 652 = _$ | 1265 | 1279 | 1280 | 1272 |
| 4 | $882 + 583 = _$ | 1473 | 1472 | 1465 | 1475 |
| 5 | $198 + 509 = _$ | 716 | 707 | 706 | 714 |
| 6 | $221 - 78 + 62 = _$ | 201 | 211 | 209 | 205 |



| | | | | | |
|----|-------------------------------------|-----|------|------|------|
| 7 | $888 - 76 + 63 = \underline{\quad}$ | 874 | 870 | 865 | 875 |
| 8 | $422 - 90 + 69 = \underline{\quad}$ | 406 | 400 | 405 | 401 |
| 9 | $918 - 65 + 47 = \underline{\quad}$ | 900 | 901 | 891 | 899 |
| 10 | $873 - 74 + 38 = \underline{\quad}$ | 844 | 840 | 837 | 846 |
| 11 | $709 + 92 - 27 = \underline{\quad}$ | 771 | 773 | 764 | 774 |
| 12 | $179 + 82 - 70 = \underline{\quad}$ | 198 | 191 | 194 | 183 |
| 13 | $874 + 82 - 49 = \underline{\quad}$ | 902 | 906 | 897 | 907 |
| 14 | $615 + 57 - 15 = \underline{\quad}$ | 652 | 666 | 662 | 657 |
| 15 | $998 + 25 - 17 = \underline{\quad}$ | 996 | 1010 | 1006 | 1005 |

Section 19

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------------|----------|----------|----------|----------|
| 1 | $2374 - 634 = \underline{\quad}$ | 1734 | 1745 | 1730 | 1740 |
| 2 | $6853 - 704 = \underline{\quad}$ | 6151 | 6149 | 6143 | 6156 |
| 3 | $3413 - 290 = \underline{\quad}$ | 3123 | 3124 | 3116 | 3126 |
| 4 | $9254 - 498 = \underline{\quad}$ | 8753 | 8757 | 8766 | 8756 |
| 5 | $9923 - 142 = \underline{\quad}$ | 9776 | 9781 | 9772 | 9789 |

Section 20

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|---------------------------------------|----------|----------|----------|----------|
| 1 | $810 + 449 + 200 = \underline{\quad}$ | 1451 | 1459 | 1461 | 1452 |
| 2 | $706 + 421 + 596 = \underline{\quad}$ | 1723 | 1728 | 1727 | 1713 |
| 3 | $222 + 756 + 421 = \underline{\quad}$ | 1405 | 1399 | 1401 | 1400 |
| 4 | $605 + 447 + 756 = \underline{\quad}$ | 1800 | 1817 | 1815 | 1808 |
| 5 | $677 + 997 + 726 = \underline{\quad}$ | 2403 | 2401 | 2410 | 2400 |

Section 21

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|--|----------|----------|----------|----------|
| 1 | $(28 + 84) \times (36 + 56) = \underline{\quad}$ | 10304 | 10305 | 10297 | 10308 |
| 2 | $(52 + 20) \times (37 + 27) = \underline{\quad}$ | 4614 | 4608 | 4617 | 4605 |
| 3 | $(62 + 41) \times (36 + 34) = \underline{\quad}$ | 7210 | 7212 | 7218 | 7214 |
| 4 | $(58 + 50) \times (53 + 82) = \underline{\quad}$ | 14578 | 14580 | 14588 | 14581 |
| 5 | $(78 + 21) \times (73 + 34) = \underline{\quad}$ | 10596 | 10590 | 10589 | 10593 |



Section 22

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|--------------------|---------------|---------------|---------------|---------------|
| 1 | Multiple of 33 = _ | 132, 165, 198 | 135, 166, 199 | 138, 171, 203 | 140, 172, 206 |
| 2 | Multiple of 94 = _ | 189, 377, 848 | 192, 382, 852 | 196, 383, 854 | 188, 376, 846 |
| 3 | Multiple of 27 = _ | 142, 143, 144 | 54, 81, 135 | 83, 136, 137 | 85, 139, 140 |
| 4 | Multiple of 57 = _ | 121, 292, 349 | 114, 285, 342 | 115, 287, 345 | 120, 289, 348 |
| 5 | Multiple of 97 = _ | 292, 390, 875 | 296, 392, 879 | 298, 396, 881 | 291, 388, 873 |

Section 23

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-----------------------------|----------|----------|----------|----------|
| 1 | Find the LCM of 51 and 95 ? | 4836 | 4851 | 4845 | 4838 |
| 2 | Find the LCM of 83 and 79 ? | 6549 | 6557 | 6548 | 6558 |
| 3 | Find the LCM of 68 and 27 ? | 1834 | 1829 | 1836 | 1833 |
| 4 | Find the LCM of 10 and 23 ? | 232 | 227 | 236 | 230 |
| 5 | Find the LCM of 26 and 39 ? | 78 | 81 | 84 | 69 |
| 6 | Find the LCM of 82 and 15 ? | 1234 | 1226 | 1230 | 1225 |
| 7 | Find the LCM of 19 and 43 ? | 823 | 812 | 809 | 817 |
| 8 | Find the LCM of 58 and 73 ? | 4238 | 4239 | 4234 | 4227 |
| 9 | Find the LCM of 32 and 17 ? | 544 | 553 | 538 | 552 |
| 10 | Find the LCM of 79 and 92 ? | 7274 | 7268 | 7264 | 7269 |

Section 24

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------|----------|----------|----------|----------|
| 1 | Find the HCF of 92, 30 = _ | 11 | 2 | 5 | 3 |
| 2 | Find the HCF of 26, 44 = _ | 5 | 1 | 5 | 2 |
| 3 | Find the HCF of 68, 10 = _ | 2 | 11 | 1 | 3 |
| 4 | Find the HCF of 92, 46 = _ | 42 | 56 | 46 | 47 |
| 5 | Find the HCF of 21, 82 = _ | 5 | 10 | 1 | 3 |

Section 25

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|-------------------|----------|----------|----------|----------|
| 1 | $933 \div 3 = _$ | 307 | 312 | 311 | 318 |
| 2 | $918 \div 9 = _$ | 102 | 94 | 107 | 95 |
| 3 | $668 \div 4 = _$ | 166 | 167 | 169 | 173 |
| 4 | $990 \div 5 = _$ | 190 | 194 | 198 | 203 |
| 5 | $963 \div 9 = _$ | 107 | 105 | 103 | 112 |



Section 26

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|--------------|------------------------------|-----------------|-----------------|-----------------|-----------------|
| 1 | Remainder of $73 / 6 = _$ | 5 | 6 | 1 | 10 |
| 2 | Remainder of $31 / 8 = _$ | 17 | 9 | 2 | 7 |
| 3 | Remainder of $49 / 8 = _$ | 7 | 1 | 5 | 4 |
| 4 | Remainder of $72 / 6 = _$ | 5 | 4 | 0 | 3 |
| 5 | Remainder of $80 / 3 = _$ | 5 | 0 | 1 | 2 |
| 6 | Remainder of $152 / 22 = _$ | 28 | 21 | 20 | 11 |
| 7 | Remainder of $570 / 36 = _$ | 24 | 35 | 30 | 20 |
| 8 | Remainder of $518 / 62 = _$ | 28 | 22 | 23 | 17 |
| 9 | Remainder of $468 / 77 = _$ | 11 | 7 | 13 | 6 |
| 10 | Remainder of $230 / 65 = _$ | 42 | 37 | 35 | 43 |

Section 27

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|--------------|-------------------------|-----------------|-----------------|-----------------|-----------------|
| 1 | 25% of 48 = $_$ | 4 | 13 | 21 | 12 |
| 2 | 50% of 18 = $_$ | 13 | 9 | 11 | 4 |
| 3 | 25% of 92 = $_$ | 20 | 23 | 13 | 16 |
| 4 | 25% of 52 = $_$ | 13 | 18 | 7 | 3 |
| 5 | 50% of 86 = $_$ | 50 | 53 | 45 | 43 |
| 6 | 10% of 10 = $_$ | 10 | 1 | 8 | 11 |
| 7 | 5% of 20 = $_$ | 10 | 1 | 5 | 0 |
| 8 | 50% of 94 = $_$ | 47 | 43 | 51 | 57 |
| 9 | 8% of 525 = $_$ | 45 | 34 | 49 | 42 |
| 10 | 50% of 978 = $_$ | 489 | 485 | 484 | 499 |
| 11 | 50% of 846 = $_$ | 432 | 423 | 424 | 429 |
| 12 | 20% of 365 = $_$ | 71 | 73 | 66 | 65 |
| 13 | 20% of 705 = $_$ | 132 | 144 | 141 | 140 |
| 14 | 25% of 732 = $_$ | 173 | 193 | 180 | 183 |
| 15 | 50% of 422 = $_$ | 206 | 202 | 215 | 211 |
| 16 | 20% of 845 = $_$ | 176 | 162 | 167 | 169 |



Section 28

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|--------------------------|-----------|-----------|------------|---------------|
| 1 | Prime Factors of 72 = _ | 4, 5, 6 | 6, 7, 8 | 9, 11, 12 | 2, 2, 2, 3, 3 |
| 2 | Prime Factors of 66 = _ | 2, 3, 11 | 4, 6, 13 | 7, 15 | 10, 11, 20 |
| 3 | Prime Factors of 20 = _ | 2, 2, 5 | 4, 6 | 6, 7, 10 | 9, 11, 12 |
| 4 | Prime Factors of 55 = _ | 8, 14 | 5, 11 | 9, 17 | 12, 19 |
| 5 | Prime Factors of 98 = _ | 3, 8, 9 | 2, 7, 7 | 7, 12, 13 | 10, 15, 16 |
| 6 | Prime Factors of 273 = _ | 4, 8, 16 | 9, 13, 18 | 12, 14, 22 | 3, 7, 13 |
| 7 | Prime Factors of 341 = _ | 11, 31 | 14, 33 | 17, 36 | 18, 38 |
| 8 | Prime Factors of 946 = _ | 2, 11, 43 | 4, 14, 46 | 7, 15, 47 | 10, 20, 51 |
| 9 | Prime Factors of 582 = _ | 5, 99 | 6, 7, 101 | 2, 3, 97 | 10, 11, 106 |
| 10 | Prime Factors of 165 = _ | 5, 6, 14 | 9, 15 | 11, 12, 18 | 3, 5, 11 |

Section 29

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1 | 10 : 535 = _ | 7:114 | 4:108 | 2:107 | 9:109 |
| 2 | 56 : 248 = _ | 10:33 | 15:32 | 11:40 | 7:31 |
| 3 | 63 : 963 = _ | 15:108 | 12:111 | 7:107 | 14:116 |
| 4 | 15 : 215 = _ | 6:50 | 5:45 | 3:43 | 12:45 |
| 5 | 77 : 203 = _ | 16:35 | 11:29 | 20:31 | 16:32 |
| 6 | 35 : 14 = _ | 13:4 | 12:6 | 7:9 | 5:2 |
| 7 | 18 : 45 = _ | 9:8 | 2:5 | 7:13 | 4:9 |
| 8 | 10 : 25 = _ | 9:10 | 2:5 | 6:7 | 8:14 |
| 9 | 40 : 24 = _ | 10:4 | 5:3 | 9:5 | 7:8 |
| 10 | 27 : 18 = _ | 10:9 | 5:3 | 7:4 | 3:2 |

Section 30

| Sr.No | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|------------------|----------|----------|----------|----------|
| 1 | 594 / 66 = _ | 9 | 12 | 7 | 18 |
| 2 | 648 / 36 = _ | 10 | 26 | 19 | 18 |
| 3 | 93 / 31 = _ | 3 | 13 | 4 | 11 |
| 4 | 352 / 88 = _ | 13 | 4 | 11 | 1 |
| 5 | 902 / 82 = _ | 11 | 19 | 21 | 6 |