



Global Mental Math Olympiad 2023

Practice Sheet 1

Grandmaster Category

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	$40^2 = \underline{\hspace{1cm}}$	1600	1592	1608	1606
10	$31^2 = \underline{\hspace{1cm}}$	958	971	961	956
11	$81^2 = \underline{\hspace{1cm}}$	6552	6571	6561	6551
12	$65^2 = \underline{\hspace{1cm}}$	4220	4225	4228	4233
13	$45^2 = \underline{\hspace{1cm}}$	2034	2025	2017	2031
14	$58^2 = \underline{\hspace{1cm}}$	3366	3369	3364	3372

Section 12

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

Section 13

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$88 \times \underline{\hspace{1cm}} = 440$	4	0	5	6
2	$72 \times \underline{\hspace{1cm}} = 432$	11	5	6	7
3	$25 \times \underline{\hspace{1cm}} = 150$	11	3	6	16
4	$55 \times \underline{\hspace{1cm}} = 330$	5	9	15	6
5	$82 \times \underline{\hspace{1cm}} = 738$	9	13	19	3
6	$14 \times \underline{\hspace{1cm}} = 42$	0	3	4	5
7	$92 \times \underline{\hspace{1cm}} = 460$	5	4	7	1
8	$38 \times \underline{\hspace{1cm}} = 76$	3	4	2	8
9	$12 \times \underline{\hspace{1cm}} = 60$	9	8	5	10
10	$88 \times \underline{\hspace{1cm}} = 352$	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 / 3 = _	307	312	311	318
2	918 / 9 = _	102	94	107	95
3	668 / 4 = _	166	167	169	173
4	990 / 5 = _	190	194	198	203
5	963 / 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