



ABACUS BOOK



Name of the centre

Student Name

ABACUS LEVEL – 7A



STUDENT PROGRESS

WEEK	DATE	CLASS WORK	HOME WORK	REMARKS	SIGNATURES	
		PAGE NO.	PAGE NO.		TEACHER'S SIGN	PARENT'S SIGN
1 st Week		1, 3, 5, 7	2, 4, 6, 8			
2 nd Week		9, 11, 13, 16	10, 12, 14, 15			
3 rd Week		17, 19, 21, 23	18, 20, 22, 24			
4 th Week		25, 27, 29, 31	26, 28, 30, 32			
5 th Week		33, 35, 37, 39	34, 36, 38, 40			
6 th Week		41, 43, 45	42, 44, 46			

ABACUS LEVEL – 7A



ABACUS CALCULATIONS

DATE :

TIME LIMIT : 10 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	4763	3566	2934	4602	8441	4539	1601	9317
	41	91	38	52	63	72	62	46
	79	769	774	70	23	70	838	703
	15	939	86	456	492	41	850	11
	111	-44	-13	-29	-42	254	-42	442
	673	91	75	852	231	9	9731	2219
	25	3	891	1705	52	94	964	655
	-34	-37	335	38	-42	-38	25	-275
	3992	18	94	671	101	475	15	92
	531	113	7028	87	7189	167	227	197
	8255	8879	3328	-30	40	1286	-891	495
	-39	16	94	63	4	17	12	19
	-191	3453	-200	3296	-173	-23	67	80
	99	-577	21	-986	8487	5429	8226	7266
	-40	69	308	-33	-30	-204	829	132
Ans								

**ABACUS CALCULATIONS**

DATE :

TIME LIMIT : 10 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	9620	9980	8554	1942	3838	5088	6264	8259
	45	57	88	56	35	46	35	67
	742	915	28	30	79	912	237	41
	712	36	692	745	27	880	80	837
	-35	256	-41	-44	812	-32	-13	-38
	7426	4649	-805	-621	496	54	59	318
	386	383	6481	7728	81	6	509	1439
	35	-724	20	8	-12	-44	421	19
	97	12	205	676	6013	27	37	931
	398	637	81	81	235	863	9173	27
	-315	348	676	749	9322	5954	4577	-25
	29	71	206	12	-39	34	18	48
	59	55	93	331	-824	4586	-552	5741
	7972	5326	4043	8830	45	-675	69	-128
	481	564	688	510	-36	82	908	-18
Ans								



ABACUS CALCULATIONS

DATE :

TIME LIMIT : 10 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	7791	6427	6279	6001	8497	3099	6799	2197
	85	78	54	15	56	66	26	25
	301	75	37	99	288	367	75	38
	53	591	677	59	328	45	462	416
	-12	-43	-38	721	-14	594	-42	-31
	49	448	550	9	6681	3492	-526	-805
	744	5787	13	51	786	818	8509	8402
	976	57	-43	-16	49	-767	38	7
	14	623	910	262	27	31	827	631
	4134	21	8189	245	857	905	71	25
	2256	-24	43	9789	-362	774	600	647
	51	35	1	73	46	54	717	14
	-837	7253	-273	-31	54	87	11	846
	57	-210	3257	7467	3203	3914	3706	4453
	126	-34	-17	-996	918	201	759	764
Ans								

**Abacus Calculations****DATE :****TIME LIMIT : 8 Min****TIME TAKEN :**

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7
	83908	91279	95811	93409	58462	95003	17945
	45419	35165	75607	97861	87257	65592	26752
	-74692	76210	41452	66691	97231	78817	11358
	63855	-90361	33877	50281	-52328	-89957	-53766
	71637	36321	-96319	95480	72236	65561	11310
	-26600	-77359	-85305	-31698	-56337	-72598	-77028
	58463	87616	59027	-59823	48841	39517	18904
Ans							
Q	Q.8	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14
	26761	42181	18531	41553	63505	99025	83987
	86548	49938	88544	73563	21076	40186	42125
	37368	79220	95790	-31570	31396	60422	63840
	91500	27442	-43033	69459	-19486	63661	37878
	-39809	93002	39378	94378	63728	-20088	22429
	-95901	-35632	-21548	-63951	-17302	-17041	-78668
	74656	-37900	28002	85471	24887	88466	-57230
Ans							

**ABACUS CALCULATIONS**

DATE :

TIME LIMIT : 10 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	0.30	0.15	2.24	2.48	1.36	2.56	0.18	3.28
	3.44	7.22	2.17	3.23	0.52	1.20	7.48	3.26
	0.95	0.27	0.56	0.29	3.41	0.25	0.11	0.18
	3.16	3.19	8.31	7.67	0.34	5.18	3.54	6.66
	3.54	-1.44	2.32	0.21	4.15	3.52	-1.06	3.22
	0.33	0.14	-2.18	4.42	0.16	-3.38	0.56	-1.41
	0.64	1.55	1.41	0.46	4.45	3.44	2.34	3.55
	4.45	1.56	0.63	2.54	0.40	0.20	1.42	0.18
	4.57	0.50	2.25	3.76	3.76	9.30	0.60	3.24
	5.35	3.41	0.31	4.46	8.62	0.32	1.54	0.21
	4.01	0.48	2.47	5.24	8.36	2.58	0.21	2.18
	0.12	4.67	2.56	2.64	1.18	-7.25	7.60	1.41
	2.66	0.53	8.23	-7.08	-3.21	2.45	0.21	6.55
	0.60	6.17	0.54	4.31	7.29	0.27	5.11	0.22
	2.28	0.20	1.38	2.56	-3.10	1.61	0.31	2.34
Ans								

**ABACUS CALCULATIONS**

DATE :

TIME LIMIT : 10 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	0.65	1.47	1.67	1.41	0.38	0.55	2.60	1.34
	7.24	3.30	3.46	0.22	3.17	4.46	3.40	2.17
	0.50	0.15	0.19	2.59	0.95	0.26	0.19	0.65
	3.23	6.43	5.15	0.27	1.56	1.65	4.36	5.49
	-2.11	3.67	0.30	5.18	2.54	-1.28	3.27	0.49
	0.55	-2.46	8.15	0.14	0.18	0.15	-3.18	4.15
	2.21	3.41	0.20	7.55	0.64	2.40	3.27	0.25
	1.65	0.47	3.55	0.47	4.52	1.37	0.29	1.37
	0.19	3.59	3.76	3.76	5.21	0.23	2.55	3.76
	1.57	0.32	6.53	7.27	8.22	3.46	0.55	6.19
	0.21	1.37	5.35	6.27	4.01	0.62	3.55	7.45
	4.44	2.50	3.33	2.29	0.19	7.37	3.19	2.48
	0.26	4.50	-4.16	-7.08	1.33	0.67	4.65	-4.45
	4.22	0.60	4.54	6.45	0.19	5.34	0.42	6.22
	0.26	1.33	2.21	-2.22	3.49	0.24	2.52	2.47
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	95	44	74	59	54	76	92	98
	56	47	92	-29	61	21	40	62
	57	-15	67	71	82	-36	48	99
	99	52	-24	99	25	48	-17	33
	98	59	92	42	-36	92	38	-37
	90	81	60	-39	-24	50	93	39
	-28	52	29	12	22	63	29	-24
	49	-41	99	37	28	-18	28	35
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	63	87	79	65	52	61	77	93
	-26	80	73	47	26	-42	66	31
	29	-20	44	-27	19	65	90	-18
	84	96	16	78	-17	39	76	48
	79	30	83	24	55	60	-29	76
	62	-24	94	36	16	-18	-19	12
	-38	74	-33	59	85	34	62	30
	49	38	55	-39	24	83	85	-26
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	47	77	89	57	75	47	82	99
	53	-31	20	43	77	67	-13	98
	39	28	48	-26	17	43	99	-16
	-30	90	73	39	-43	65	50	80
	70	44	-29	83	74	-14	63	23
	65	-13	-37	22	52	74	58	-44
	79	92	65	78	73	-27	-20	84
	80	77	70	-43	47	84	13	77
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	93	93	61	93	79	63	32	41
	61	45	26	-22	47	97	67	18
	49	-45	17	81	53	-37	39	59
	40	39	-13	25	30	18	-25	25
	35	13	12	80	-23	64	34	-36
	23	77	25	-41	-22	28	24	19
	-30	41	97	15	17	95	66	-37
	31	-44	71	59	92	-19	55	66
Ans								



MENTAL CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	$51 \times 12 =$	
2	$71 \times 20 =$	
3	$84 \times 73 =$	
4	$84 \times 21 =$	
5	$80 \times 33 =$	
6	$40 \times 26 =$	
7	$24 \times 25 =$	
8	$49 \times 83 =$	
9	$34 \times 89 =$	
10	$61 \times 54 =$	
11	$59 \times 39 =$	
12	$71 \times 66 =$	
13	$77 \times 89 =$	
14	$76 \times 77 =$	
15	$99 \times 60 =$	

S NO	Q	A
1	$48 \div 12 =$	
2	$84 \div 14 =$	
3	$96 \div 24 =$	
4	$66 \div 11 =$	
5	$72 \div 18 =$	
6	$90 \div 15 =$	
7	$88 \div 22 =$	
8	$63 \div 21 =$	
9	$96 \div 16 =$	
10	$84 \div 12 =$	
11	$75 \div 15 =$	
12	$96 \div 32 =$	
13	$68 \div 17 =$	
14	$99 \div 11 =$	
15	$88 \div 44 =$	



MENTAL CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	$85 \times 71 =$	
2	$24 \times 40 =$	
3	$30 \times 90 =$	
4	$43 \times 37 =$	
5	$15 \times 84 =$	
6	$92 \times 98 =$	
7	$29 \times 52 =$	
8	$30 \times 53 =$	
9	$36 \times 52 =$	
10	$33 \times 93 =$	
11	$30 \times 57 =$	
12	$80 \times 77 =$	
13	$61 \times 50 =$	
14	$28 \times 15 =$	
15	$34 \times 28 =$	

S NO	Q	A
1	$98 \div 49 =$	
2	$95 \div 19 =$	
3	$42 \div 21 =$	
4	$72 \div 18 =$	
5	$60 \div 20 =$	
6	$68 \div 34 =$	
7	$92 \div 46 =$	
8	$78 \div 39 =$	
9	$96 \div 48 =$	
10	$96 \div 12 =$	
11	$78 \div 26 =$	
12	$92 \div 23 =$	
13	$85 \div 17 =$	
14	$99 \div 33 =$	
15	$98 \div 14 =$	

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	97	81	13	51	82	59	20	60
	49	56	19	-29	82	69	48	81
	80	-14	94	84	73	-29	83	88
	82	46	-41	60	13	98	-44	91
	65	77	16	24	98	29	77	-16
	22	77	37	38	-22	70	37	57
	53	26	15	-43	-45	-30	-20	-18
	-35	32	71	59	18	26	31	-40
	15	-23	36	51	67	-15	30	93
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	71	65	61	20	92	84	82	76
	-26	90	12	78	87	-33	79	38
	34	-44	68	-21	57	26	33	-32
	44	98	80	81	-43	17	14	20
	72	15	69	25	63	63	85	39
	63	-35	19	35	67	23	-18	58
	-17	-31	86	35	45	-33	-16	-18
	-19	97	-35	88	81	77	43	35
	77	58	41	-38	75	90	67	-44
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	44	97	58	76	68	21	79	82
	67	-31	87	92	73	29	-43	89
	23	64	50	-39	58	23	96	-13
	-38	65	62	33	-29	16	29	83
	46	35	89	13	16	-13	46	70
	51	84	-42	83	66	75	22	-43
	54	-38	-38	-16	-30	-40	-38	-14
	28	54	17	20	64	-36	-18	26
	40	92	80	-35	95	51	15	70
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	57	61	82	92	69	58	80	86
	12	85	18	-33	34	18	39	91
	78	-17	82	12	44	-13	60	89
	60	44	-20	89	21	22	-18	86
	26	26	41	77	85	87	15	-43
	63	33	42	15	-42	63	41	29
	60	41	26	-37	-45	-39	-34	-33
	-28	12	68	32	26	93	24	-12
	95	-45	57	83	76	-39	56	60
Ans								



MENTAL CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	$909 \times 98 =$	
2	$501 \times 29 =$	
3	$607 \times 73 =$	
4	$703 \times 17 =$	
5	$903 \times 31 =$	
6	$604 \times 62 =$	
7	$607 \times 34 =$	
8	$706 \times 26 =$	
9	$902 \times 55 =$	
10	$908 \times 58 =$	
11	$609 \times 15 =$	
12	$702 \times 28 =$	
13	$501 \times 97 =$	
14	$506 \times 42 =$	
15	$708 \times 28 =$	

S NO	Q	A
1	$144 \div 12 =$	
2	$168 \div 24 =$	
3	$225 \div 25 =$	
4	$324 \div 18 =$	
5	$350 \div 14 =$	
6	$396 \div 22 =$	
7	$450 \div 25 =$	
8	$468 \div 26 =$	
9	$624 \div 26 =$	
10	$728 \div 28 =$	
11	$400 \div 20 =$	
12	$384 \div 16 =$	
13	$672 \div 16 =$	
14	$720 \div 18 =$	
15	$224 \div 16 =$	



MENTAL CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	$609 \times 94 =$	
2	$705 \times 98 =$	
3	$703 \times 96 =$	
4	$809 \times 32 =$	
5	$609 \times 34 =$	
6	$503 \times 35 =$	
7	$805 \times 23 =$	
8	$608 \times 23 =$	
9	$901 \times 54 =$	
10	$608 \times 77 =$	
11	$802 \times 53 =$	
12	$805 \times 57 =$	
13	$603 \times 11 =$	
14	$905 \times 14 =$	
15	$807 \times 77 =$	

S NO	Q	A
1	$245 \div 35 =$	
2	$252 \div 14 =$	
3	$260 \div 20 =$	
4	$264 \div 22 =$	
5	$270 \div 15 =$	
6	$272 \div 16 =$	
7	$275 \div 25 =$	
8	$280 \div 14 =$	
9	$288 \div 16 =$	
10	$294 \div 21 =$	
11	$297 \div 11 =$	
12	$300 \div 15 =$	
13	$306 \div 18 =$	
14	$308 \div 14 =$	
15	$315 \div 21 =$	

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	67	60	35	94	94	75	49	30
	40	59	12	-30	90	39	76	94
	16	-18	64	17	53	-36	73	51
	72	98	-22	96	98	74	-28	49
	59	79	51	57	99	31	23	-29
	-25	-37	-38	-20	-44	19	98	63
	36	81	18	87	-23	18	15	42
	71	66	51	-28	-35	-31	-25	-34
	-23	77	65	66	53	68	85	-15
	29	-13	32	55	87	-28	30	45
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	78	69	64	84	97	76	81	77
	-43	66	47	87	94	-26	14	54
	44	-36	78	-35	98	73	92	-18
	40	82	72	93	-36	57	85	30
	77	49	33	61	70	86	88	37
	83	40	-17	-41	-38	-39	-27	76
	71	-45	41	53	24	42	-13	73
	-34	-33	70	44	95	-32	-29	-40
	-17	87	-30	78	36	61	94	22
	16	55	84	-41	23	30	43	-19
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	32	59	70	92	39	21	58	81
	70	-12	54	55	21	24	-33	93
	40	23	13	-41	41	50	69	-43
	-28	44	76	37	-26	45	56	95
	32	73	71	81	63	-21	64	87
	-20	-23	-30	89	65	51	16	25
	77	75	-22	19	56	14	73	-22
	56	-27	-25	-24	-44	-43	-34	-25
	98	25	25	46	28	-24	-39	96
	21	20	53	-22	70	13	39	21
Ans								

	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
Q	72	79	97	69	77	64	97	32
	12	38	85	-31	55	35	84	66
	19	-24	63	99	81	-41	78	30
	73	52	-44	51	37	34	-13	96
	43	36	51	16	30	70	54	-36
	-13	-17	-30	-39	-41	56	89	40
	26	92	50	91	-26	60	23	55
	97	54	85	-29	-20	-40	-19	-21
	-27	30	85	19	85	91	99	-30
	17	-27	49	39	89	-32	47	36
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	65	24	66	57	28	81	61	69
	72	844	846	28	84	96	880	702
	56	202	16	609	566	94	120	98
	347	-13	-13	-41	-26	959	-23	-30
	842	48	71	746	889	418	33	78
	-44	-29	309	37	-38	-32	-43	481
	773	31	96	462	487	116	22	46
	-13	40	30	34	7	-39	67	74
	58	-239	86	-220	428	77	-147	49
	-24	59	638	-18	-29	-26	35	373
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	46	44	31	41	19	28	29	46
	99	40	93	671	680	89	59	51
	704	904	94	593	29	728	509	42
	-35	-32	503	-21	-24	-28	-31	526
	228	654	254	41	97	152	429	192
	26	-32	-35	-44	203	12	-37	-42
	158	296	631	13	79	510	406	530
	22	5	-19	62	16	35	3	-24
	-783	935	22	-324	13	-487	250	27
	-38	-27	-38	85	887	-36	-21	-38
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
Q	91	18	76	22	77	28	33	16
	301	13	48	58	164	624	30	22
	68	615	591	70	797	29	516	975
	-36	-42	-32	964	-42	-15	-19	-19
	82	369	884	164	27	67	737	132
	701	20	-42	-41	-33	412	80	-17
	39	467	363	904	99	31	567	751
	77	20	1	-29	48	53	81	4
	28	-394	256	49	-838	34	-259	156
	391	-17	-36	-29	29	476	-32	-20
Ans								

	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
Q	77	28	29	71	99	62	42	69
	68	635	778	21	91	51	320	526
	79	751	31	518	770	78	912	39
	487	-41	-31	-44	-28	852	-25	-41
	682	46	61	140	125	221	84	57
	-41	-17	553	32	-35	-36	-37	453
	858	75	91	261	949	832	74	84
	-29	57	94	54	8	-16	53	61
	43	-397	47	-675	498	44	-928	40
	-21	59	132	-26	-14	-24	88	191
Ans								



MENTAL CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	$609 \times 67 =$	
2	$508 \times 99 =$	
3	$705 \times 78 =$	
4	$507 \times 47 =$	
5	$809 \times 79 =$	
6	$606 \times 71 =$	
7	$607 \times 79 =$	
8	$802 \times 87 =$	
9	$606 \times 86 =$	
10	$902 \times 95 =$	
11	$707 \times 95 =$	
12	$708 \times 36 =$	
13	$501 \times 60 =$	
14	$807 \times 21 =$	
15	$808 \times 48 =$	

S NO	Q	A
16	$2072 \div 37 =$	
17	$2948 \div 44 =$	
18	$4116 \div 84 =$	
19	$8352 \div 96 =$	
20	$3230 \div 38 =$	
21	$1748 \div 76 =$	
22	$6790 \div 97 =$	
23	$5832 \div 72 =$	
24	$4899 \div 71 =$	
25	$2812 \div 38 =$	
26	$2318 \div 61 =$	
27	$1674 \div 31 =$	
28	$1708 \div 61 =$	
29	$2800 \div 50 =$	
30	$2312 \div 68 =$	



MENTAL CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	$298 \times 38 =$	
2	$750 \times 83 =$	
3	$508 \times 96 =$	
4	$181 \times 29 =$	
5	$129 \times 61 =$	
6	$899 \times 36 =$	
7	$896 \times 77 =$	
8	$276 \times 34 =$	
9	$684 \times 38 =$	
10	$294 \times 15 =$	
11	$865 \times 54 =$	
12	$150 \times 59 =$	
13	$618 \times 94 =$	
14	$788 \times 30 =$	
15	$313 \times 86 =$	

S NO	Q	A
16	$2160 \div 27 =$	
17	$1650 \div 66 =$	
18	$5244 \div 76 =$	
19	$2618 \div 34 =$	
20	$6004 \div 76 =$	
21	$4788 \div 57 =$	
22	$2640 \div 33 =$	
23	$2295 \div 27 =$	
24	$3645 \div 81 =$	
25	$1242 \div 46 =$	
26	$2278 \div 34 =$	
27	$4836 \div 78 =$	
28	$8084 \div 94 =$	
29	$1224 \div 24 =$	
30	$1512 \div 28 =$	

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	46	45	97	94	39	96	40	92
	54	546	981	25	59	52	635	974
	15	678	58	938	278	70	843	89
	910	-24	-20	-29	-32	529	-25	-38
	187	49	85	107	749	987	41	86
	-44	-36	163	34	-22	-36	-11	541
	318	63	70	490	669	696	51	60
	-42	42	74	11	4	-18	27	95
	94	-406	12	-947	391	93	-285	20
	-43	78	385	-40	-13	-20	91	821
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	34	17	79	79	79	88	21	99
	45	67	80	80	834	53	42	98
	823	534	94	94	22	935	295	71
	-20	-34	918	918	-12	-25	-15	956
	476	367	878	878	85	351	954	587
	66	-22	-20	-20	112	44	-24	-17
	940	546	436	436	42	146	527	586
	22	1	-37	-37	48	77	1	-16
	-836	720	19	19	33	-623	695	13
	-20	-35	-14	-14	871	-26	-15	-38
Ans								

**MENTAL CALCULATION**

DATE :

TIME LIMIT : 7 Min

TIME TAKEN :

Q	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8
	0.25	0.49	1.65	2.46	3.16	1.12	0.63	1.21
	1.18	5.45	2.29	1.53	0.48	3.19	5.48	1.28
	0.95	0.40	0.56	0.34	1.30	0.26	0.31	0.37
	2.14	2.21	8.64	7.37	-3.01	5.36	1.20	5.14
	2.32	-2.42	2.67	0.15	8.50	3.36	-2.19	1.53
	0.64	3.51	1.58	0.62	5.43	0.58	1.26	0.66
	6.51	-1.11	3.45	3.76	3.76	-3.32	8.24	3.25
	3.39	0.67	6.11	-7.27	-6.39	3.11	0.36	7.25
	0.64	7.26	0.48	6.65	6.39	0.52	5.54	0.41
	2.53	0.21	2.13	3.62	-1.27	1.14	0.18	1.57
Ans								

Q	Q.9	Q.10	Q.11	Q.12	Q.13	Q.14	Q.15	Q.16
	3.18	3.38	0.25	0.42	3.35	2.54	2.12	3.53
	2.41	0.14	2.66	7.49	1.33	2.13	0.45	1.57
	0.12	1.64	0.95	0.60	0.64	0.29	2.29	0.15
	7.32	-2.56	2.54	3.45	7.31	4.64	-1.27	5.45
	0.39	8.11	2.58	-2.18	3.49	0.52	7.15	1.33
	7.40	5.65	0.64	2.37	1.12	0.38	8.49	0.26
	2.60	2.61	8.51	-1.19	2.18	3.76	3.76	-5.52
	-2.01	-6.19	2.50	0.49	7.13	-4.47	-3.04	2.52
	4.14	5.22	0.16	4.22	0.24	7.48	7.13	0.55
	2.65	-1.46	1.15	0.23	3.21	1.46	-1.12	2.51
Ans								



ABACUC CALCULATION

DATE :

TIME LIMIT : 5 Min

TIME TAKEN :

S NO	Q	A
1	29^2	
2	49^2	
3	38^2	
4	37^2	
5	17^2	
6	24^2	
7	52^2	
8	46^2	
9	63^2	
10	87^2	
11	58^2	
12	63^2	
13	74^2	
14	82^2	
15	94^2	

S NO	Q	A
16	32^2	
17	89^2	
18	66^2	
19	38^2	
20	48^2	
21	69^2	
22	15^2	
23	46^2	
24	73^2	
25	85^2	
26	59^2	
27	64^2	
28	71^2	
29	86^2	
30	49^2	