

LEVEL3	(SAMPLE -1)										TIME LIMIT :20 MINUTES TOTAL MARKS : 100	
Multiplication (By Nikhilam Sutra or base method)	101 x 98	998 x 1005	105 x 92	2002 x 2001	504x 502	Squares	406^2	708^2	302^2	807^2	305^2	
ANSWER						Answer						
Division by base method (ans ex. 543/5)	322145 ÷ 999	324312 ÷ 998	243115 ÷ 999	114356 ÷ 102	12112 ÷ 1001	division by flag post method	617826 ÷ 726	4771375 ÷ 5453	13441436 ÷ 4028	201480 ÷ 365	1127096 ÷ 1583	
ANSWER						Answer						
multiplication (By vertically cross – wise)	4923 X 52	4335 X 55	5998 X 78	29924 X 69	49522 X 45	cubing by yayadonam method	98^3	998^3	1002^3	10011^3	99999^3	
ANSWER						Answer						
Multiplication by 21	7833 X 21	7426 X 21	3235 X 21	374385 X 21	43565 X 21	Fraction (denominator ending with 9) (3 decimal places)	$\frac{45}{69}$	$\frac{22}{39}$	$\frac{1}{39}$	$\frac{318}{59}$	$\frac{111}{49}$	
ANSWER						Answer						
cubing by Annarupya Sutra	63^3	56^3	92^3	28^3	45^3	multiplication (By vertically cross – wise)	54671 X 43412	55482 X 52435	12111 X 18791	15231 X 12417	93435 X 13547	
ANSWER						Answer						

LEVEL3	<u>(SAMPLE -2)</u>										TIME LIMIT :20 MINUTES TOTAL MARKS : 100	
Multiplication (By Nikhilam Sutra or base method)	99 x 105	9998 x 10005	1005 x 982	5002 x 5001	204x 202	Squares	201^2	803^2	604^2	903^2	908^2	
ANSWER						Answer						
Division by base method (ans ex. 543/5)	43567 ÷ 999	548798 ÷ 998	213432 ÷ 999	897654 ÷ 102	121212 ÷ 1001	division by flag post method	139742 ÷ 214	550479 ÷ 843	682103 ÷ 769	36195544 ÷ 6139	57258453 ÷ 6139	
ANSWER						Answer						
multiplication (By vertically cross – wise)	123212 X 28	432335 X 58	43566 X 39	435654 X 21	565554 X 32	cubing by yayadonam method	9988^3	995^3	100012^3	10001^3	99989^3	
ANSWER						Answer						
Multiplication by 21	32436 X 21	23456 X 21	7890 X 21	213254 X 21	54654 X 21	Fraction (denominator ending with 9) (3 decimal places)	$\frac{54}{29}$	$\frac{78}{49}$	$\frac{2}{59}$	$\frac{231}{89}$	$\frac{321}{19}$	
ANSWER						Answer						
cubing by Annarupya Sutra	29^3	37^3	89^3	78^3	32^3	multiplication (By vertically cross – wise)	45462 X 21324	43565 X 21345	32547 X 21324	89097 X 21345	54678 X 21345	
ANSWER						Answer						

LEVEL3	<u>(SAMPLE -3)</u>										TIME LIMIT :20 MINUTES	
											TOTAL MARKS : 100	
Multiplication (By Nikhilam Sutra or base method)	98 x 115	9995 x 10002	1003 x 988	6002 x 6001	404x 402	Squares	502^2	209^2	704^2	908^2	608^2	
ANSWER						Answer						
Division by base method (ans ex. 543/5)	123234 ÷ 999	213245 ÷ 998	435672 ÷ 999	100876 ÷ 102	217687 ÷ 1001	division by flag post method	682103 ÷ 769	139742 ÷ 214	550479 ÷ 843	17838088 ÷ 2792	6995565 ÷ 2253	
ANSWER						Answer						
multiplication (By vertically cross – wise)	216789 X 37	356787 X 36	365764 X 29	678986 X 37	324544 X 58	cubing by yayadonam method	9989^3	998^3	100018^3	10004^3	99999^3	
ANSWER						Answer						
Multiplication by 21	658798 X 21	345654 X 21	435653 X 21	325675 X 21	213456 X 21	Fraction (denominator ending with 9) (3 decimal places)	$\frac{67}{19}$	$\frac{6}{49}$	$\frac{8}{29}$	$\frac{345}{69}$	$\frac{111}{19}$	
ANSWER						Answer						
cubing by Annarupya Sutra	37^3	32^3	59^3	98^3	12^3	multiplication (By vertically cross – wise)	32454 X 89054	21435 X 57893	65879 X 32127	87985 X 21446	98764 X 21435	
ANSWER						Answer						

LEVEL3	<u>(SAMPLE -4)</u>										TIME LIMIT :20 MINUTES	
	TOTAL MARKS : 100											
Multiplication (By Nikhilam Sutra or base method)	92 x 105	9999 x 10001	10003 x 9998	8002 x 8005	704x 701	Squares	601 ²	701 ²	809 ²	902 ²	202 ²	
ANSWER						Answer						
Division by base method (ans ex. 543/5)	324765 ÷ 999	326687 ÷ 998	123456 ÷ 999	120987 ÷ 102	124325 ÷ 1001	division by flag post method	2113514 ÷ 338	1223796 ÷ 238	3431025 ÷ 765	25350192 ÷ 3984	17567456 ÷ 7648	
ANSWER						Answer						
multiplication (By vertically cross – wise)	437689 X 48	436587 X 28	456782 X38	436575 X 89	326545 X28	cubing by yayadonam method	9980 ³	992 ³	100015 ³	10007 ³	99987 ³	
ANSWER						Answer						
Multiplication by 21	325476 X 21	547655 X 21	343234 X 21	654432 X 21	657875 X 21	Fraction (denominator ending with 9) (3 decimal places)	$\frac{5}{19}$	$\frac{74}{89}$	$\frac{6}{29}$	$\frac{305}{79}$	$\frac{132}{199}$	
ANSWER						Answer						
cubing by Annarupya Sutra	18 ³	49 ³	36 ³	89 ³	47 ³	multiplication (By vertically cross – wise)	54676 X 23134	65879 X21345	76898 X21436	78986 X21657	87908 X 32657	
ANSWER						Answer						

ACADEMY OF EXCELLENCE

LEVEL3	<u>(SAMPLE -5)</u>										TIME LIMIT :20 MINUTES	
	TOTAL MARKS : 100											
Multiplication (By Nikhilam Sutra or base method)	96 x 108	9997 x 10009	1003 x 998	5002 x 5015	504 x 511	Squares	407^2	207^2	106^2	708^2	308^2	
ANSWER						Answer						
Division by base method (ans ex. 543/5)	324765 ÷ 999	547689 ÷ 998	223908 ÷ 999	546876 ÷ 102	326544 ÷ 1001	division by flag post method	648846 ÷ 678	523884 ÷ 879	1617799 ÷ 4583	3689184 ÷ 3984	310914 ÷ 2253	
ANSWER						Answer						
multiplication (By vertically cross – wise)	345654 X 17	546786 X 27	678987 X 29	547685 X 35	376543 X 29	cubing by yayadonam method	99999^3	99992^3	1000025^3	100017^3	999987^3	
ANSWER						Answer						
Multiplication by 21	547687 X 21	478905 X 21	213254 X 21	435764 X 21	768987 X 21	Fraction (denominator ending with 9) (3 decimal places)	$\frac{6}{19}$	$\frac{66}{199}$	$\frac{9}{299}$	$\frac{8743}{799}$	$\frac{234}{299}$	
ANSWER						Answer						
cubing by Annarupya Sutra	58^3	39^3	32^3	87^3	95^3	multiplication (By vertically cross – wise)	436578 X 43765	17689 X 76897	18765 X 43657	98754 X 25487	65768 X 26587	
ANSWER						Answer						

ACADEMY OF EXCELLENCE