	$log_5N = 2 + \beta_2$ and $\beta_1 \ _1\beta_2 \in [0, 1)$ Number of Integral values of N :									
	(1) 44		(2) 45			(3) 46			(4) 47	
62.	The number of triplet $(a,b,c)$ for which $a(2\cos_2 x - 1) + b\sin_2 x + c = 0$ is satisfied by all real (where $a,b,c\in N$ )									
	(1) 0		(2) 1			(3) 2			(4) Infinite	
66.	If $sinA = 3sin(A+2B)$ , then $tan(A+B)$ is equal to $(1) - 2cosB \qquad (2) - 2tanB \qquad (3) cot B \qquad (4) - 2$									
	` ,		, ,			` ,			, ,	
70.	Given a G.P. having an even number of terms. If the sum of all the terms be five times the sterms occupying odd places, then the common ratio will be -									
	(1) 3		(2) 5			(3) 4			(4) 2	
85.	If maximum and minimum value of $\log_x y$ is M and m where $x \in \{4, 5, 6, 7, 8\}$ and $y \in \{16, 17, 18, \dots, 128\}$ then approximately value of M + m is									
61.	(1) 62.	(1)	66.	(2)	70.	(3)	85.	04.83		

61.

If  $log_3N = 4 + \beta_1$