	Name: Roll No:	Namau G 18012302	oyal 9	Kioyay	Classmate Date
Soft.	$ \begin{array}{ccc} A & car \\ A=1 \\ B=2^3 & car \end{array} $	s => S = 2	u of ,= 2 ,7 =)	A + 0'3B' 2 => A=1, 1°/AB' H _t = 30'5 > H _t = 20'1	ns -
CT	B=2 ⁵ →	S = 32 => S = 16 = 	He=	1-318.5 ns = 24.9 ns. Ht.	
்	2' 25 26	32 16 8	5	16.2 ns 17.8 ns. 25.8 ns.	
		24	52 6 8 4	18-8 ns 18 ns 21.2 ns 30 ns.	So the minima → is at A=2,
Graph	Thit so the time to the time t	in tache	1 5 6	ost suitable	$B=2^{4}$, $S=2^{5}$ $16\cdot 2 ns$ couply

- A - A	
	Name: Namen Goyal Royal Poste Date Page
Solum	(B4) (a) Total size = 216 bytes Black trize = 256 words = 28 words
	land ciza = 25 hutes
	1 Block Size 2 2 8 x 2 3 = 2 11 . attorn.
	No of Set are = 216 = 25 # no of sets = Totasize
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Induction Set: (Physical address)
	(tag) - sitno - Block.
	(- Whith

	Name: Namay Goyal Jugay Date Date Page					
(b)	: 8192/ 256 = 6 and 8192/ 256 = 32.					
	BO 0 - 255					
. 1 6	BI 756 - SII LIKA and LIKB will					
13	0. 1624 004.					
	B15 1095 Way 1021 words					
	B31°					
	20 10:02					
	So Isra will occupy BO. to B3					
Val.	and so Isk will occupy B8. to B11.					
	" position of a between the action of					
_	Thus => B 16 to 1331 will remain empty.					
	1 Prodict					
(miss occurs at Bo !!					
0	Tuitially straiting from 120.					
	Justially straiting from 130. Bo → B3: ISRA					
	BR -> RII TCR and RO -> RIS for					
	B8→B11 TSR3. and BO →B15 for each iteration.					
	Elect Moral 1850					
	12 (10 \$1/ 1 (2551)/) . 04/4 (
	Hence total = c 16 + b(255×16) + axy +					
	execution time 8xc+					
	9x(cx16+ bx4025+					
	4a + 8c + 1020x2xb)					
	= 240c + 40a + 58665b					
	Any					