	Page No
	Para Co b + + i
	bre- Conjutation:
9)	Given T text cases and in each text case a
	text case 1 M
	Where M = 109+7
	Constraints; the fire the things
	1 < 7 < 105 intersecting and
	ILSON'S 1050 prints a resolution
->	# 3NCLUDE < B378 S7DC++. h >
	USZNG NAMESPACE SZD; politilest houseld
2 4.	CONS? 3N3 M = 169+7;
r En	3.12 mas ()
	SNS WASH () (OSS TOUSTONER PRESE
	(
	343 33 (0) 13 April 242 (200)
	CIN >> 7;
	MH31E (3)
	3N7 N; : = [1] - 100 = [0] - 100
	C3N 5> N; 14 21 : 1 = 1 003
	Long Long FAC7 = 1;
	FOR (13471= 2; 1) < m; (++)
	FAC7 = (FAC7 + i) / M;
	, coul << EUCS << ENDL;
	(m, 5) 312 HH

	Page No. Date
-4	11 31 13 time complexity is: 0(7* N) = or 7 = N : 0(N2) = 1010
g b	$M = 3 = N : O(N^2) = 10^{10}$
	By it will give PLE.
	CAN BUT WORKSON AND FRANCE WAS A STANFORD
	REZURN O:
	3
	Il He can prevent our solution from PLE,
	by using precomputation
	Precomputation is storing values beforehand
	testing our Pert cases
	- 1 2d.++3050 25583 3000 Del 1+ -
	Optimized Solution: 1982 30 All may
	F-POT SHE FRUIT
6	# 3NCLUDE < B379 STOC++. h >
.18, ~	USZNG NAMESPACE SZD;
1 10	CONS? 3N? M= 109+7;
	CONST 3NT N = 105+10;
Committee and	LONG LONG FACT [N];
	347 MASH ()
	Company of the second s
	FACT[0] = FACT[1]=1;
	FOR (3N7 i=2; i <n; i++)<="" td=""></n;>
	se in the training of the training
	FACT [i] = (FACT [i-1] * i) 1/. M;
	3N7 ?;
	C3N >> 7:10h 2 5 707
	M431E (7)
THE PARTY OF THE P	

Page N	on and a second	
Date		

347 N; (34 >> N; COUZ << FAC7 [m] << "/m??;

11 Ptis time complexity is O(N) + O(7) = 105 + 105 = 2* 105

It want give ?LE you.

RETURN O;