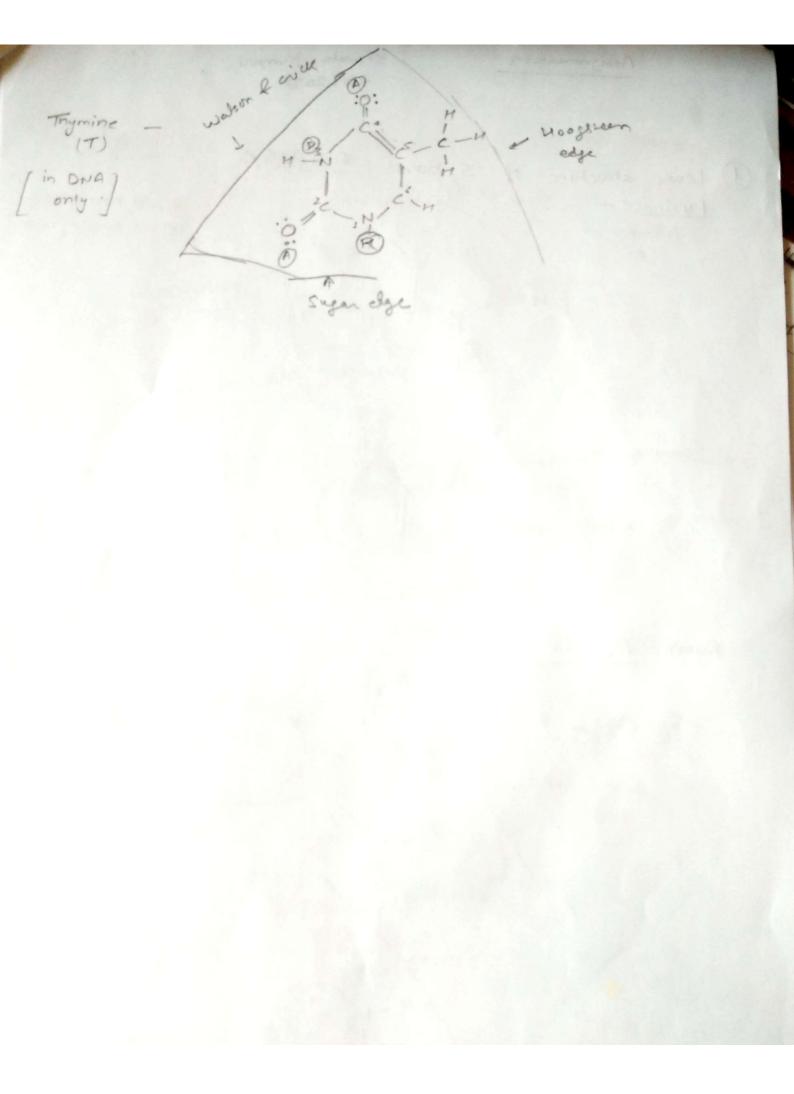
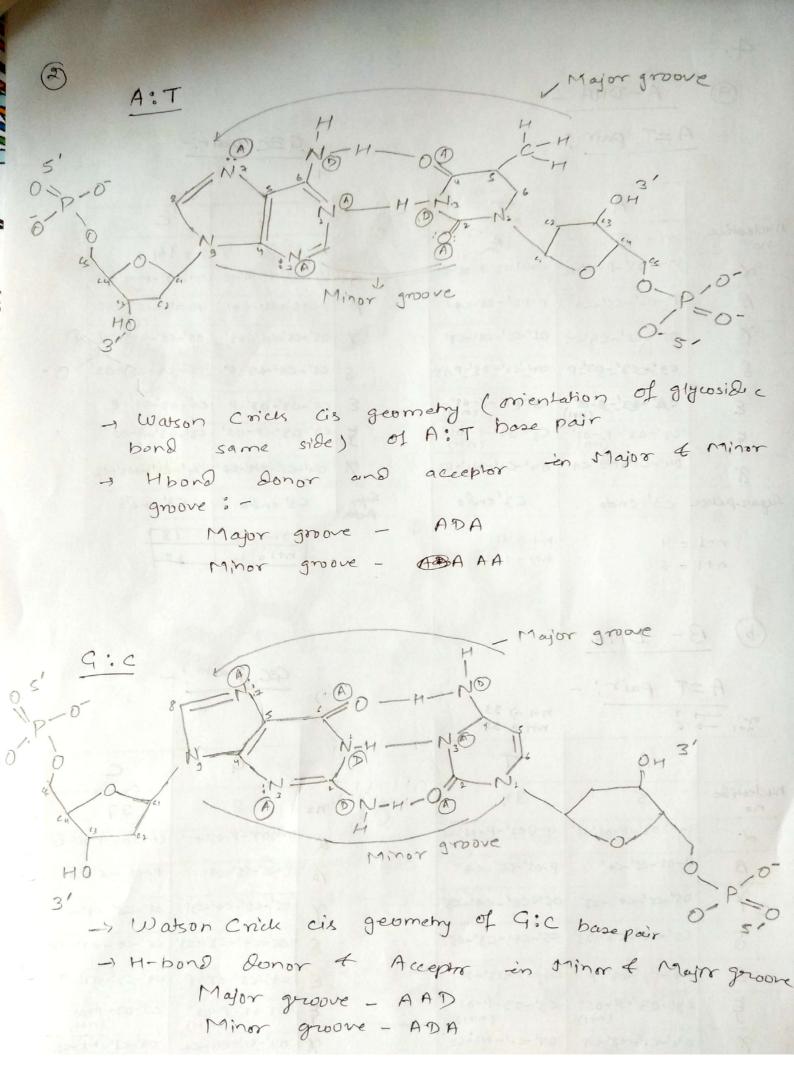


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		**	n-1 -	
n-1	5	9	nt1 = 13	ABA
21	-	6		

(b)	B-	DNA
		-

A:	et pair : -	
m+1 -1		n-1 ~> 33 n+1 >> 35
	A	T
nucleotide	5	34
2	(n-1) 03'-P-05'-C5'	(n-1)03'-P-05'-C5
B	P-05'-C5'-C4'	P-05'-C5'-C4'
7	05'-05'-04'-03'	05'-05'-04'-03'
8	C5'-C4'-C3'-03'	cs'-c4'-c3'-03'
2	C4'-C3'-03'-P	C4'-C3'-O3'-P
当	c3'-03'- P-05'	03'-03-P-05' (n+1)3
X	04'-01'-19-04	04'-c1'- N1-C2
igar pu ckar	cz' endo	c2'endo

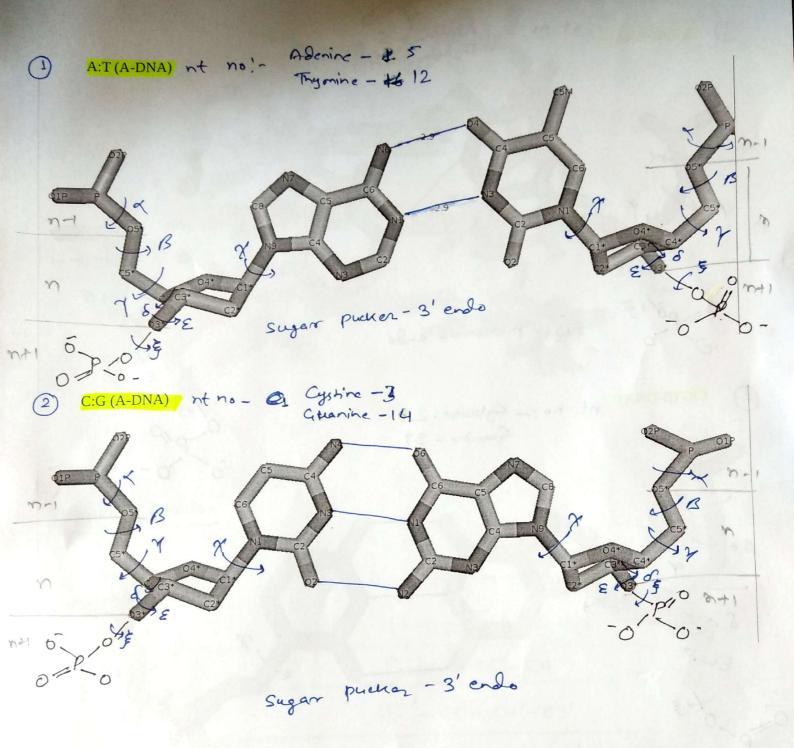
## GEC pair:

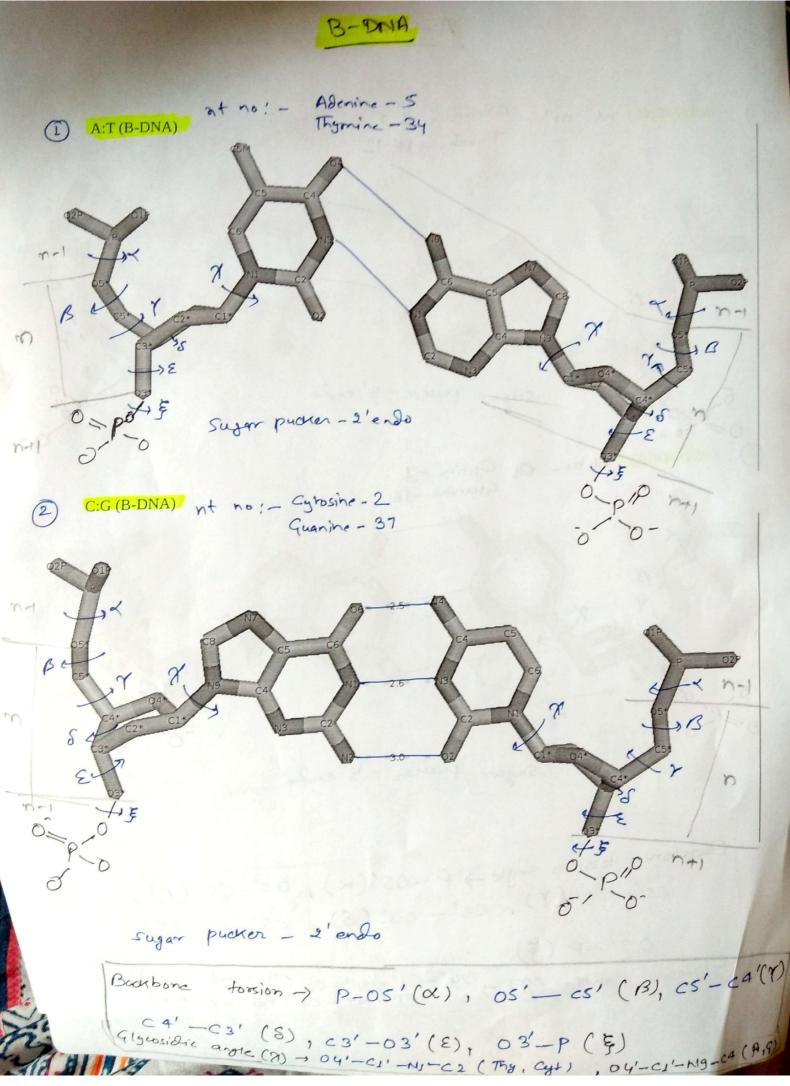
		44-0	
1	9	C	
	m= 3	n= 164	
4	(n-1)03'-P-05'-c5	(m-1)03'-P-05'-C5'	
B	P-05'-C5'-C4'	P-05'-C5'-C4'	
	05'-65'-64'-63'	05'-65'-64'-63'	
γ	cs'-c4'-23'-05	CS'- C4'- C3'-03'	
8	C4'-C3'-03'-P	C4 - C3-03'- P	
W su	C3'-03'- P-05'	c3'-03'-P-05'	
N	041-C1'- N9'-C4	04'-61'-11-62	
	C3' endo	C3' endo	-
Sign		13	-
	n-122 n+12 4	15	

## GC pair ! -

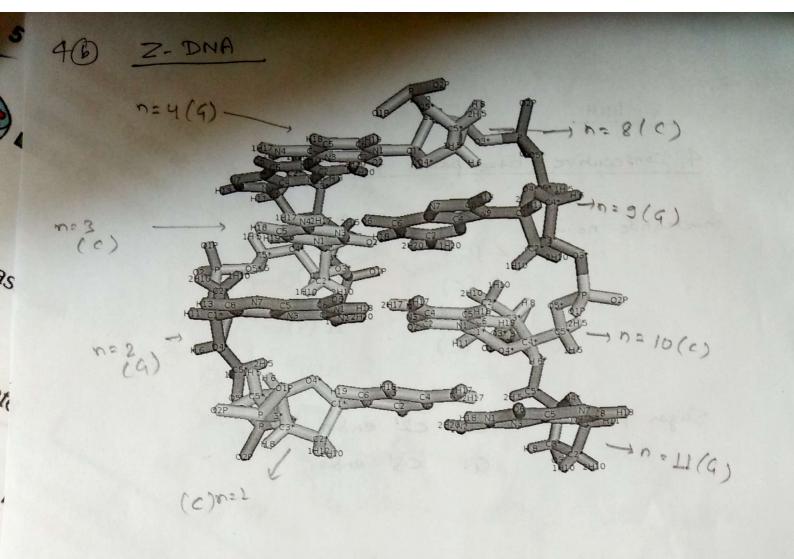
	9	C	
m 2	2	37	h+1=
d	(m1)03'-P-05'-65'	(nd) 03'- P-05'- (5'	for :
B	P-05'-C5'-C41	P-05'-C5'-C41	19
Y	05'-05'-04'-03'	05'-65'-69'-63'	For
S	C5'-c4'-C3'-03'	cs'-c4'- c3'- o3	1
٤	C4'-C3'- 03'- P	C4'-C3'-03'-P	N+1
E	C3'-03'- P-05'	C3'-03- P-05'	
X	04'-c1'- Ng-C4	04'-C1'-N1-C2	
Sugar	Cziendo	cziendo	

## A-DNA





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Backone torsibn	
Torsion angle	atom involved
2	(n-1) 03'-p-05'-c5'
B	P-05'-C5'-C4'
Y	05'- C5'- C4'-C3'
8	cs'- ca'-c3'-03'
٤	CA'- C3'- 63'- P
F	C3'-03'-P-05'(nH)
X	04'-c1'-N9-C4 (for guarine) 04'-c1'-N1-C2 (for cytosine)

46 2-DN			
4 Consecu	utive base pair	parameters	
nucleo hide	no - n 4(q) 3(c) 2(q) 1(c)	n 8 (c) 9 (a) 10 (e) 11 (9)	
Sugar puch	(ar - c: c2	endo	
	q: c:		
			the attent