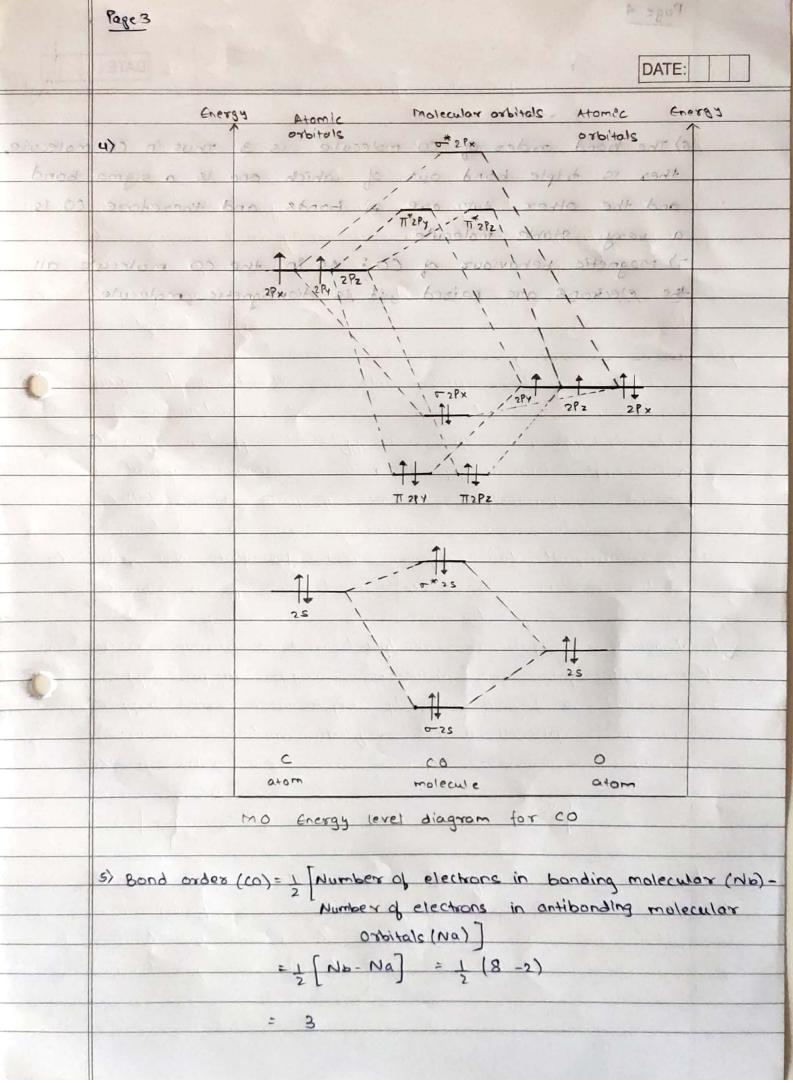
	SAP ID - 6000 4200 132			
	Name - Ayush Jain		DATE:	
27/04/2021	Div-JI Engineering	Chemistry	57.11.2.1	
9 24	Tutorial 2 - Atomic and Moleculor Structure			
	1 200 26 magnes sitematica p solvestication 2012			
8,551.	Distinguish between sigma and pi molecular orbital.			
· Clumro	solvislan xists as same aspectual for xidance			
Ana	a va his one can	y one sychic company	ar te	
	Sigma molecular orbit			
val a	and on the planer on to	40		
	1) The sigma molecular orbital			
-				
	is obtained when the atomic			
	orbitals overlap collinearly to			
	à large extent.		A Committee of the Comm	
	2) For a sigma overlap, the	2) For Pi overlap, the 1	obes of	
	lobes of atomic orbitals point	the atomic orbitals a	re	
nie	along the internuclear axis.	perpendicular to the	18181	
	3> Sigma molecular orbital is			
	denoted by			
	4) For sigma molecular orbital			
	4 is along the internuclear			
370	axis and the election density			
	42 is distributed uniformly			
10.00	along the axis.	axis is zero	not of	
		i si stuatio		
	ex 10-000 (0-15) (0-150) (1126 1126)			
6	is gathered out probable	rear al Many second	of a	
	The province works yearner	alashira a s prikan	odistro -	
3.00	shoot if out brides \$204 phalls are yet board			
	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A garden some had t	0.7): 5	



	Page 4	
	DATE:	
	at the first returned to the party of the pa	
	6) The bond order of co molecule is 3. Thus in co molecule	me,
	ther is triple bond out of which one is a sigma bond	
	and the other two are pi bonds and therefore (0 is	
	a very stable molecule.	
	7) magnetic behaviour of Co: As in the co molecule all	\
	the electrons are paixed, it is diamognetic molecule.	
		1
		1
HEI		
12		
	State of the second sec	
Cultur -	function prihabel in products to broken I cost to broke	
	aline introditate is encutaring presented	
	(out storage)	
	(c- 8) 2 : [osa -la] (s	