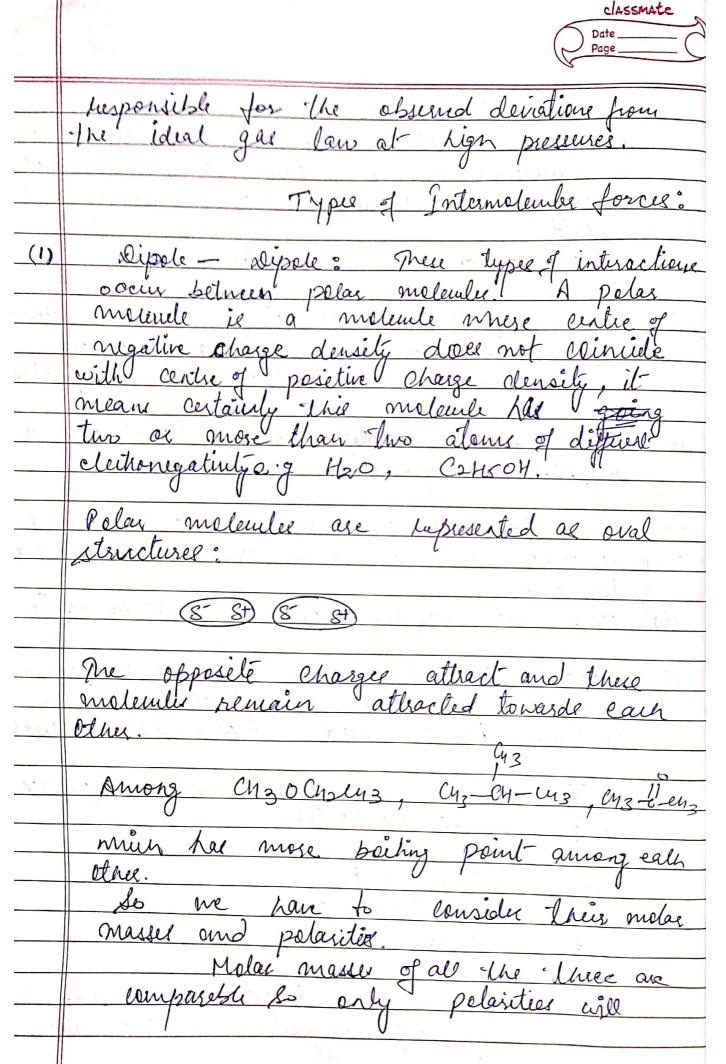
	classmate
6	Date Page

	In contrast to interamolecular forces, such as the covalent sends that hold atoms together
	as the covalent sends that gold atoms together
	in molecule and polyatoric ious intermolecular
	Lorces hold molecules tractions in a liquid of
	in molecules and polyatomic ions, intermolecular forces hold moleculer tracter in a liquid or solid.
	Characterations of Intermolecular forces:
3	
(1)	These are cleetroetalic in nature means they arest from the interaction between positively and negatively charged species.
	They are from the interaction between
	positively and negatively charged species.
	Jessey Coper
12)	These are sum prof both attractive and repulsive components.
	simpline components.
(3	nese force increase as distance between moleule decreases and decrease as distance between moleule
	decreases and decrease as distance between moleule
	1100100100
	These are weaker than lovalist or ionic bords
15	Heat squised to breek ? Intermoleular forces
	sange from upto 50 KS/mol. Where as
	sange from upto 50 KS/mol. Where at covalunts bords need 50-250 KJ/mol.
	/
(6	Inlesmaterelles forces control many properties of
	solide and gest lignide like
	[]
	(a) beiling point
7.84	(1) /2 / 2 · Day (2) / 2
	(c) Vapous pressure
	(d) Vilcosity
	Once I was brown important for gases only
	It very high pressures where they are
	Mese forces become important for gases only at very high pressures, where they are



	decide the beiting points.
7)5	The first like for
136.75	In 2-methyl propare there is no electronegative atom so it is least polar among three as pest two have oxygen.
	atom so it is least solve among there as
الح (رو	atem so it is least pales among three as pest two have oxygen.
	in the little of the first of the second
11.3	Blog methyl ethes has structure similes to
	Hood hours Print with mail and well
7-3	Leave esign being our law one law.
	UH3 CH3
102	The dealer of the second of the second
1	two co band dipoles reinforce one another ond generate significant dipole moment which give high boiling point.
5,	and generate significant dépole moment much
in the	give high boiling point.
	3/7 - 1/8/3 - 1 - 2 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4
433	In acetone C=0 double bond il ocientia
	at about 120 to two methys groups (non- polar CH sords). Dipole moment of This Cooper band is high so
	Polar CH sorde). Dipole moment of This C-0
	band is high so
	This part from the second control and second control of the second
	B.P.
	2 mélhylpropane Letryl mélhyl ethis Latetane.
	aletone.
	you can unipase B. R. of Cty, Cyz & Con
	(C43)25=0 and C43-1-042-143
	your oun.
	List care of the state of the s
	Line and the same of the same
	Yes Assets to the second of th

- 14	Date
7	Page
=====	dondon force: Many nonpolar molande, are liquide like 8062, Genaene, herare di
2.	danois force: Sensere, herare de
	are lignide at from temperatiese and other
1	" 10 mathathalere de are
) *	selide at 400m lemperature. Even most
	solide de promised de solidified at
-	Solde at from laupernies. gave can be liquefied of solidified at four leuprietures, high pressures or both. Now Quistion arises that what kind of
<u> </u>	Tow lemparents I want what kind of
	Now Question con polar molecules of
	forces exist between nonpelae molecules of
	Fritz Lordon answered this question.
	According to him temporary frutuations
31.4	in electron distributions with in atoms
- 1 - 1 - 1 - 1	and nonpolar molecules result in the
	tomation of short-lived instartageous
1 14	
0.	- Che moleules. These atteactive force are
	Called Loidon forces.
	Consider lus nonpoles molembre:
	in the area .
SUL	The country of the co
	(8t) 87, (\$t) 8t,
157	Interactions between these temporaries
	and instartaneous dipoles cause
	allasting /
	and fall off repidly will in
	distance of repidly with encreasing
-	
	70:2000 Miller Miller 20
	Scarneu Willi Cail

	Prue are also called instantanions dipole - induced dipole interactions.
	- induced dipole interactions. Instantanions dipole
	are also called Vaarler waal forces.
	are also called Vaarler waal forces.
3.	vilisactions take place between polar and nonpolar anolewler.
	interactions take place between polar and
	nonpolar anolember.
	8 St (\$) st)
111	it is the broker the me was water
;	-na le minor de la contraction del contraction de la contraction d
4.	Dipole ion attractions: Prus take place between polar molecule and ion.
py I.	between polar molecule and ion. cog dissolution of Noll (-) (8+ 8) (+) in polar 1/2.0.
	e of dissolution of Nell
333	(-) (s+ 8-) + in pales 1-12.0.
	at H20 Nst
	1 1° 2 ° 10 booding il Strongest
5,	Hydrogen bonding: H-bonding is strongest amount all st intermolecular forces.
	amoung all the mother use Sonder
	1. 18 DIA 09 ALME WWW (Of 191
	extent (1,5) and to the first the fi
	intermolecules interactions, large difference between
-	electionegatific positive Charge on
	electionegativity of hydrogen and other atom electionegativity of hydrogen and other atom sizells in a large partial positive Charge on injectory and a correspondingly large partial negative charge on the other atom (0, X), f) Romanda hom is small so there dipole
-	· hydrogen and a confine of he atom (0, N, f)
_	negative mage at him diple moment.
_	to these bonds faire is Small so these dipoles
	As nydrzen od al

Scarned with CarnSc