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	Tuydrogen Bonds - H atom Journs a bond with
	highly electromegative atoms. eg H-O, H-N, H-F.
	Nan Der Wadl's Interaction - They are weak and
	occur only when atoms are dose together.
	Even non polar molecules who have the and -ve
	charges accumulated in certains regions enabling
	them to stick together.
	(a, P, 15, 5, 140, C1, Mg - 7 3.7%
Fe Mo	Hydrophobic Forces - Non polar molecules wor do
(2n)	not Journ H-bond and therefore repel water.
	Atomic No = po of proton
	May No = no of proton + neutrons.
	IMPORTANCE OF WEAK BONDS
-5.0	The Journation of all biological molecules backlone
	are by covalent bonds.
So	. The attendation of a particular atom for the c
•	The cumulative effect of weak bonds is to numbers
	the three dimensional structure
0	Can electromegabrity difference) it to called
•	Weak bonds no are not only between molecules
104	but also parts of larger molecule.
J. due.	Cottonated transports above technologophic about
0 100	SUBSTITUTION OF ELEMENTS AND TOXICITY
	Eg: When exposed to Pt for a long time
with two	causes cells to absourt the Pb and it replaces
J. J.	the C. But Pb cannot function like carlon
21 1 600	which himdens a lot of Processes which leads
Samola	do toxicity.
Noil	The same of the sa
	C

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LIPIDS - PHOSPHOLIPIDS.
FATS. They are larger molecules assembled from
smaller molecules. (16-18 C atoms in length)
· It is constructed from glyceral and justyte
acids. (1:3). It is called triglyceleral.
· They are hydrophobic (due to non pokerity)
Saturated - no more H can be added.
Unouturated - one or more double bonds with one less H.
(01)
Phospholipids - P is added to the OH group. (only 2 The will have a hydrophilic head and acids
Thosphoupids - P is added to the on group of gatty
a bilayer with the head being out.
Phospholipids are amphipathic molecules.