## **Biochemistry Chapter 4 Note Sheet**

There are	here are different categories of Biochemical Compounds.			
	thes They are a comb			
	he body for			
Examples of these				
They can be organ	nized into three groups:			
1.				
2.				
3.				
	re combined to formed lar			·
	re broken down to small s by the addit			
Both these proces	ses require	to take place.		

<u>.                                    </u>		these compounds a	re composed (	of,
and				
xamples of these comp	oounds are:			
A basic fat molecule is c	omposed of one		mole	cule
ind three		molecules. These a	re referred to	as triglycerides.
A fat molecule looks like	<b>:</b> :			
hey can be organized in	nto two groups:			
nold.	where	the molecule contai	in all the hydre	ogen atoms that it c
	where	some of the hydrog	en atoms are	missing.
absorbed by your body.	fats are co	onsider to be better	for you to eat	since they aren't
Fats are digested in you can buildup in the walls	r blood by	Too	much	_ and

3 these	compounds are composed of
,AND	
The building block of proteins are	·
The chemical structure of an A.A. is:	
Proteins are used in the body for	9.
Examples of these compounds are:	
****The most important type of proteins are	****
control all th	e chemical reaction in your body.
Proteins can be organized into two groups:	
1.	
2.	
The shape of a protein is very important to the	-
An example of this is:	

4	_ are very important molecules composed of
	re of &
is for the storage of	of genetic information.
is for the transfer	of genetic information.
The basic building block of nucleic acid	ds are
They looks like:	
There are five different	·
The different nitrogenous bases are :	
In DNA	In RNA
always connects with	always connects with
always connects with	always connects with
The shape of DNA is:	The shape of RNA is: