## **B 1.2 Proteins SL**

1.	Proteins are composed of long chains of	_ bonded together.
	Draw a diagram of a generalized one:	
	The reason we add the group is that there are different	used by
	most living organisms. It would be far too complex to learn all of them.	
2.	These basic units,, are linked together in cells by	, which is why
	these sub-cellular structures are referred to as the site of protein	The sequence of
	the is coded for by our Everyone h	nas a unique
	which is the name for all the proteins in your body, because the code on our	is not entirely the same.
3.	Proteins are formed by reactions, which are named th	is way because they release
	When two are bonded tog	gether, the new molecule is
	called a Draw this process here:	
	When 3 or more are connected, they are called	This is because the
		This is because the
	bond between them is called a bond. Label it on your diagram.	

4.	4. Since proteins can be made with any number of	, in any	, there is an
	variety of possible. Some examp	les include	, which is a
	that controls blood sugar, and such	as	_ that breaks down the
	sugar in milk called lactose.		
5.	5. We get our from our diet. There are	two types:	and
	The former cannot by	by ou	r bodies, so must be
	obtained from our People who follow a	_ diet must be	cautious to get enough of
	this type. The latter can be by our bodies from other	her	·
6.	6. Proteins can be by changes in		and in
	They function best at their, because outside of	that range,	in the proteins can
	break, resulting in a change in the 3D shape.		