Name:	uestion	Set 0)6

CHAPTER 3.3: Carbohydrates

1. Define the following:
a. monomer
b. polymer
c. condensation reaction
d. hydrolysis
2. Which foods do you think will enter the blood the quickest? Why?
3. What are the general roles of carbohydrates?
4. List some monosaccharides with their molecular formulas.

Name: Q	uestion Set 06
5. Double sugars are called	
a. maltose	
b. sucrose	
c. cellobiose	
6. Polymers of sugars form	
7. Which forms of polysaccharide is best for each function:	
a. Strength of structure	
b. Storage and sugar release	
8. How does the alpha differ from the beta form of glucose and why is it significan	nt to animals?
9. How can carbohydrates be chemically modified? Why is this significant?	
10. Ninety percent of Asians, 75% of African-Americans, and a much smaller percenter northern Europeans are lactose intolerant. Why might we see this pattern – what hypothesis for this type of distribution?	