

Department of Biochemistry and Molecular Biology
Shahjalal University of Science and Technology
Course Title: Introductor Biocemistry(BMB 121)

- ~~1.~~ What is anomeric carbon? Write down the α and β anomers of D-Glucose? 1
- ~~2.~~ How monosaccharides react as a reducing agent? 1
- ~~3.~~ Write the structure of the following hexose derivatives. $1 \times 3 = 3$
a) Muramic acid, b) β -D-Mannosamine, c) β -D-Glucosamine.
- ~~4.~~ Define Glycosidic bond. 1
- ~~5.~~ Write down the structure of maltose and sucrose. $1 \times 2 = 2$
- ~~6.~~ Write down the biological function of carbohydrate. 2