

Shahjalal University of Science & Technology, Sylhet
Department of Biochemistry & Molecular Biology
BMB222: Metabolism-I (15/02/2016)
Time- 50 minute Marks-20

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1. Briefly discuss the basic characteristics of metabolic pathway. 2.0
2. How an exergonic process can drive an endergonic process? 2.0
3. What is high energy compound? Why ATP is a high energy compound? 3.0
4. Illustrate the glucose metabolism by glycolytic pathway with possible enzymes. 6.0
5. What is GLUT? Briefly discuss the properties of different GLUT. 3.0
6. "Arsenic derivative may halt glycolysis"- Justify the statement. 2.0
7. Justify that fluoride is an inhibitor of glycolysis. 2.0