

Shahjalal University of Science and Technology
Department of Biochemistry and Molecular Biology
Course: BMB 221 (Enzymology-I)
Time-60 min, Full Marks-20

1. What is enzyme? Write the general properties of enzymes? 1+2
2. Elaborate the statement "Most enzymes are proteins". 2
3. Write down the contribution of the following scientists in Enzymology- 3
i) Louis Pasteur ii) James Summer iii) John Northop
4. Why enzymes are so large? 2
5. Define two different enzyme units and what is the relationship between them? 2+1
6. Define: Ligand, binding site, Induced fit, and catalytic site? 2
7. What you understand by the EC number of Glucose-6-phosphatase – 2.7.1.1 2
8. How Lactate dehydrogenase activity could be measured? 3