

2nd year 1st semester Final Exam 2013
Department of Biochemistry & Molecular Biology, SUST
Biochemistry & Molecular Biology Lab-III (BMB 223L)
Session: 2012-2013
Marks: 20, Time: 40 minutes

Question	Marks
1. a. What is PPE? Why acid is added to water slowly instead of adding water to acid directly? b. What is health & safety? Calculate the normality of a solution containing 0.5 gm of Na_2CO_3 dissolved in 350 mL distilled water c. Draw the structure of creatinine. List name of reagents or chemicals used in the estimation of creatinine in urine. d. What do you mean by the iodine number of oil? What is the practical use of iodine number?	2.5 2.5 2.5 2.5
2. a. What is Beer-Lambert Law? Write down the limitation of Beer-Lambert Law. b. Draw a schematic diagram of a double beam spectrometer? c. What is Hanus reagent? Write down the differences between equivalence point & end point d. Draw the structure of Lactose. How can you prepare a 75mL 5% lactose solution?	2.5 2.5 2.5 2.5