Biotechnology Unit

Packet Due Date:

Name	 _
Date:	
Partner:	
Period:	

[revised CHS 2/2014]

Biotechnology Packet Grading Rubric

 Introduction to Biotechnology title page with picture, Name, partner & Per Table of Contents DNA lab series overview & pre-lab sheets 	/5 points /5 Points /36 Points		
 Lab 2a Lab 2 handout Pre-lab questions (before the lab and stop and thin Post Lab Question Lab 2 (C17) 	k)/12 Points /10 Points		
3. Lab 4a Lab 4 handout Pre-lab questions – Lab 4a Post Lab Question Lab 4 (C33) Labeled gel picture & graph Computer generated graph	/12 Points /16 Points /16 Points /+5 bonus!		
 Lab 5 Lab 5 handout Pre-lab questions – Lab 5 Post Lab Question Lab 5 Predictions and results data table Picture of results 	/16 Points /12 Points /10 Points /5 Points		
5. E. Coli Insulin Factory Created correct plasmid Data Sheet & Questions	/5 Points /15 Points		
REE PE PA For Labs 2-4(confirmation of plasmid restriction)/15 Points (Explanation of restriction and how plasmids are made, 2 potential errors and ways to fix it, how the lab can be used to determine band size, application of recombinant plasmids)			
REE PE PA For lab 5 (transformation)/30 Points (Explanation of results on all three plates, two rationales on what potentially went wrong and how to avoid them in the future, operon elaboration , explaining the role of the arabinose plates)			
Organization Answers are in complete sentences Labs have been actively read (annotations, notes, drawings etc) Folder is organized in order and BOUND!	/5 Points /30 Points /5 Points		
TOTAL BIOTECHNOLOGY PACKET GRADE:/250 POINTS			