**Test 1 Review Answers**

1. Study the WS
2. Be able to ID frameshift insertion, deletion, and pointshift
3. Frameshift
4. A change in a sequence of DNA
5. Protein
6. Insertion of a gene into an organism to change its traits
7. Bacteria
8. amp resistance and GFP expression
9. arabinose
10. 1) unicellular, 2) nontoxic, and 3) develops and reproduces quickly
11. Jellyfish
12. Ampicillin
13. C-G, G-C, A-T, T-A
14. The deliberate modification of the characteristics of an organism by manipulating its genetic material
15. Arabinose
16. DNA → RNA → amino acids(proteins)
17. Tiny, circular piece of DNA, usually of bacterial origin; often used in recombinant DNA technologies
18. DO IT!! Know the setup and predicted outcomes of each of the four petri dishes.
19. In a matching section…refer to the pGLO notes and/or lab handout