Bacteria Review

GENERAL BIOLOGY LABORATORY BSC 1005L

Note: The following learning objectives are meant to represent a general overview of the BSC1005L - and by no means are to be used as an all inclusive study guide. Requisites for this course include **all** assigned readings, handouts, written assignments, movies and lectures as well as any extra projects. Students are responsible for **all** the assigned materials regardless of whether or not said materials have been specifically covered or addressed during class. As always, students with questions regarding assignments, whether covered in class or not, are welcome to come to my office during office hours, or by appointment, or may e-mail me at: arodrigu@broward.edu their questions to me and I will respond in a timely manner. Upon successful completion of this unit, the students should be able to:

1. Explain what is the clear area that develops around the bacterial colony on the milk agar plate. This is evidence that what has occurred?

2. List the structures found in prokaryotic cells.

3. How would you classify an organism that has spore-forming structures connected to a filamentous mat.

4. An antiseptic is an artificially produced chemical that inhibits bacterial growth. An antibiotic also inhibits bacterial growth, but it is a natural compound produced by an organism. Contrast an antiseptic and antibiotic, give example of each.

5. The clear area that develops around the antiseptic is evidence that what has occurred?

6. Contrast gram positive and gram negative

7. What sterile technique in the laboratory, you used to sterilize your equipment.?

8. Describe the following shapes of bacterias.