

QUIZ Sea Urchin 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. What are the two cells that unite to form the fertilized egg? What they form?
2. List the stages of sea urchin development in order.
3. List the germ layers and their function
4. What is called the process that leads to the formation of highly specialized cells in the adult organism?
5. Contrast the two types of fertilization.
6. What is called the halo that forms around the egg after it has been fertilized? What is the function?
7. Contrast haploid and diploid cells.
8. What is the function of cleavage?