

Cells, Tissues, Organs and Systems
Assignment #8 Cell Specialization, Wars & Division

NAME: _____ Date Due: _____

1. What are the advantages of cell specialization for an organism?

2. How can 8 small cells be more efficient than 1 large cell?

3. What advantage would a thick flexible plant cell wall have over a thick, rigid cell wall?

4. What two types of invaders cause infection in humans?

5. Explain 2 ways that white blood cells protect the body from disease.

6. Vaccines work by introducing dead or weakened invaders into the body. How does this help protect the body from invaders?

7. When organs are transplanted patients are often given medication to suppress their white blood count. Explain why this is so.

<ul style="list-style-type: none"><input type="checkbox"/> Not completed on due date<input type="checkbox"/> Answers lacked effort and/or knowledge<input type="checkbox"/> Shows little understanding of cell specialization, more studying is needed<input type="checkbox"/> Many or all questions must be redone #’s _____<input type="checkbox"/> Parent signature required or receive 0. 50% with a parent signature and redone <p>X _____</p>	<ul style="list-style-type: none"><input type="checkbox"/> Completed with accuracy<input type="checkbox"/> More explanation needed for some answers<input type="checkbox"/> Shows good understanding of cell specialization<input type="checkbox"/> More or a better explanation is needed for questions #’s _____	<ul style="list-style-type: none"><input type="checkbox"/> Completed with detail<input type="checkbox"/> Excellent explanations given<input type="checkbox"/> Shows excellent understanding of cell specialization<input type="checkbox"/> Little or no further explanation is needed Fine tune questions #’s _____ <p style="text-align: center; font-size: 24pt;">/12</p>
---	---	--