Lesson Outline

LESSON 2

Loyals of Organization

Lev	eis di Organization	
A. Li	e's Organization	
•	• A large animal is composed of trillions of tiny work together.	king
:	• organisms are made of only one cell.	
B. U	nicellular Organisms	
	• Unicellular organisms are or prokaryotes.	
:	• A cell without a membrane-bound nucleus is a(n) c	ell.
3	• A(n) cell has a nucleus surrounded by a membrane many other specialized organelles.	anc
C. M	ulticellular Organisms	
	• Each type of cell in a multicellular organism has a specific job that is important	t
	to the of the organism.	
:	Cells become different types during	
	a. Nearly all the cells in an organism have identical	_•
	b. Different types of cells use of the chromosome.	

different cell types. **4.** Stem cells can produce new muscle cells when ______ are torn.

_____ are unspecialized cells that can develop into many

- **5.** In plants, unspecialized cells similar to animal stem cells are grouped in areas
- _____ are groups of similar types of cells that work together to carry out specific tasks.
 - **a.** Most animals have four main types of tissue—muscle, epithelial, nervous, and ______.
 - **b.** The three main types of plant tissue are dermal, ______, and ground tissue.
- **7.** ______ jobs in organisms require more than one type of tissue.
- **8.** _____ are groups of different tissues working together to perform a particular job. The leaf is a(n) ______ that specializes in photosynthesis.

Lesson Outline continued