Name

**Matching** On the lines provided, match the term with its definition.

Chapter 7 Cell Structure and Function

1. cell a. organism whose cells contain a nucleus \_\_\_\_\_ b. granular material visible within the nucleus 2. cell membrane c. the basic unit of life 3. cell wall d. specialized structures within a cell that perform important **4.** nucleus cell functions 5. cytoplasm e. organism whose cells do not contain a nucleus 6. prokaryote \_\_\_\_ f. strong layer around the cell membrane that protects the cell 7. eukaryote g. process by which extensions of cytoplasm engulf large 8. organelle \_\_\_\_\_ particles 9. chromatin h. large structure that contains the cell's genetic information \_\_\_\_\_ **10.** phagocytosis i. thin, double-layered sheet around the cell j. portion of the cell outside the nucleus

## Multiple Choice On the lines provided, write the letter that best completes the sentence or answers the question.

© Pearson Education, Inc. All rights reserved.	<b>11.</b> The small dense region assembly of ribosomes l				
			<ul><li>a. nucleolus.</li><li>c. chloroplast.</li></ul>	b. nuclear envelope. d. vacuole.	
		12.	The hollow tubes of prote the cell are called	in that help maintain the shape of	
			a. microfilaments. c. microtubules.	<ul><li>b. mitochondrion.</li><li>d. ribosomes.</li></ul>	
		13.	Which organelles can use create energy-rich food m	0.	
			a. lysosomes c. vacuoles	b. Golgi apparati d. chloropasts	
		14.	4. What is the process by which material is taken into		
			the cell by infoldings of th		
			a. diffusion c. osmosis	<ul><li>b. endocytosis</li><li>d. exocytosis</li></ul>	
	15		The fourth, and highest, level of organization in a multicellular organism is		
			6	b. a tissue.	
			c. an organ system.	d. an organ.	

## **Chapter Vocabulary Review**

Date

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