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**CHAPTER 7**

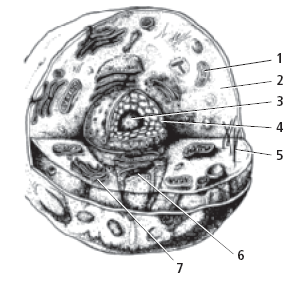
**Section 3: Structures and Organelles**

***Study Guide***

**In your textbook, read about structures and organelles.**

*Label the diagram of a typical animal cell. Use these choices:*

|  |  |  |  |
| --- | --- | --- | --- |
| **cytoplasm** | **endoplasmic reticulum** | **Golgi apparatus** | **microtubules** |
| **mitochondrion** | **nucleolus** | **nucleus** |  |



**1.**

**2.**

**3.**

**4.**

**5.**

**6.**

**7.**

*If the statement is true, write* true. *If the statement is false,  
replace the italicized word or phrase to make it true.*

**8.** Microtubules are long, hollow protein cylinders that form *a rigid skeleton for  
the cell.*

**9.** The *Golgi apparatus* contains most of the cell’s DNA.

**10.** The nucleolus is the structure that produces *sugars.*

**11.** The *endoplasmic reticulum* is a stack of membranes that packages proteins into  
sacs called vesicles.

**12.** The *cytoplasm* is the semifluid internal environment of the cell.

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