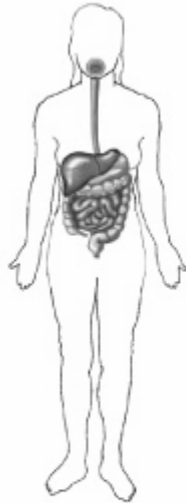
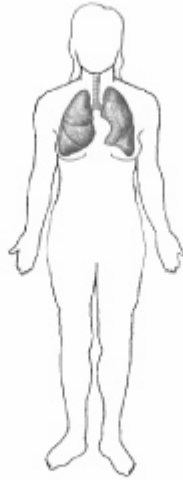
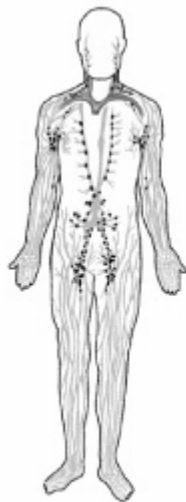
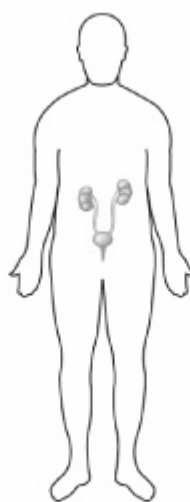
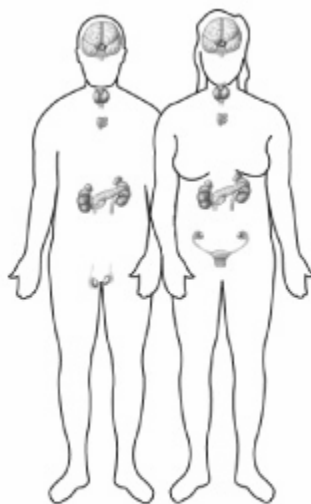
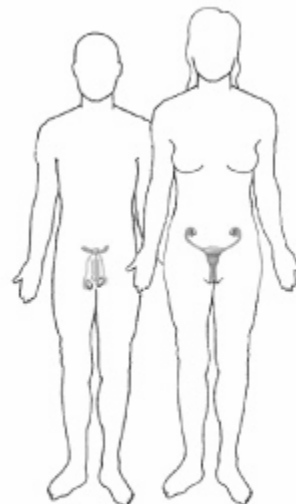


**CHAPTER 6**  
**ANSWER KEY****Human Systems Overview**  
**Answer Key****BLM 6.0.1A****Digestive system****Respiratory system****Circulatory system****Lymphatic and immune systems****Excretory system****Muscular system**

**CHAPTER 6**  
**ANSWER KEY****Human Systems Overview**  
**Answer Key****BLM 6.0.1A****Integumentary  
system****Skeletal system****Nervous system****Endocrine system****Reproductive system**

<b>CHAPTER 6</b>	<b>Human Systems Overview</b>	<b>BLM 6.0.1A</b>
<b>ANSWER KEY</b>	<b>Answer Key</b>	

<b>System</b>	<b>Functions</b>
Digestive System	<ul style="list-style-type: none"> <li>• breaks down food into chemical components that are small enough to enter circulation</li> <li>• eliminates undigested food</li> </ul>
Respiratory System	<ul style="list-style-type: none"> <li>• delivers oxygen to blood</li> <li>• removes carbon dioxide from cells</li> <li>• helps to control blood pH</li> </ul>
Circulatory System	<ul style="list-style-type: none"> <li>• transports blood, nutrients, gases, and metabolic wastes</li> <li>• defends body against disease</li> <li>• helps to control temperature, fluid balance, and pH balance</li> </ul>
Lymphatic and Immune Systems	<ul style="list-style-type: none"> <li>• help to control fluid balance</li> <li>• defend against disease</li> <li>• absorb fats (lymphatic)</li> </ul>
Excretory System	<ul style="list-style-type: none"> <li>• removes metabolic wastes</li> <li>• helps to control fluid balance</li> <li>• helps to control pH balance</li> </ul>
Muscular System	<ul style="list-style-type: none"> <li>• maintains posture</li> <li>• moves body and organs</li> <li>• produces heat</li> </ul>
Integumentary System	<ul style="list-style-type: none"> <li>• protects body from infection</li> <li>• receives sensory input</li> <li>• helps to control body temperature</li> <li>• synthesizes vitamin D</li> </ul>
Skeletal System	<ul style="list-style-type: none"> <li>• provides framework for muscles to attach to, making movement possible</li> <li>• produces blood cells</li> <li>• stores minerals</li> <li>• protects soft organs</li> </ul>
Nervous System	<ul style="list-style-type: none"> <li>• detects, interprets, and responds to stimuli from outside and within body</li> <li>• with endocrine system, coordinates all organ-system functions</li> </ul>
Endocrine System	<ul style="list-style-type: none"> <li>• produces hormones</li> <li>• helps to coordinate organ systems</li> <li>• responds to stress</li> <li>• helps to regulate fluid and pH balance</li> <li>• helps to regulate metabolism</li> </ul>
Reproductive System	<ul style="list-style-type: none"> <li>• produces gametes (sperm or ova)</li> <li>• transports gametes</li> <li>• produces sex hormones</li> <li>• nourishes, nurtures, and gives birth to offspring in females</li> </ul>