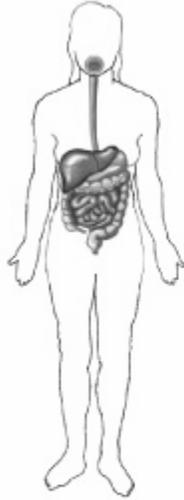
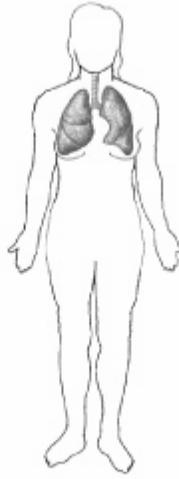
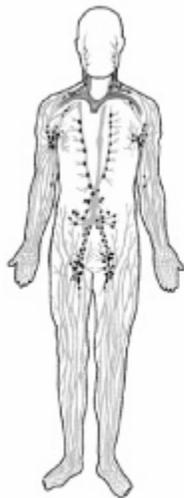
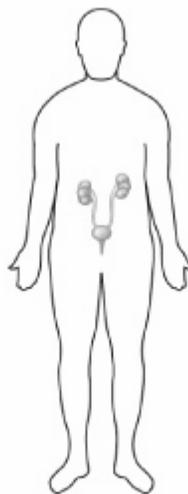


Human Systems Overview
Answer Key**Digestive system****Respiratory system****Circulatory system****Lymphatic and immune systems****Excretory system****Muscular system**

CHAPTER 6
ANSWER KEY

Human Systems Overview
Answer Key

BLM 6.0.1A



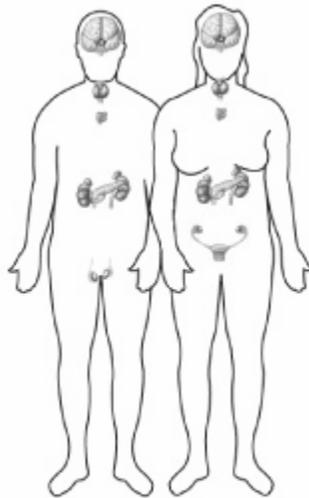
Integumentary system



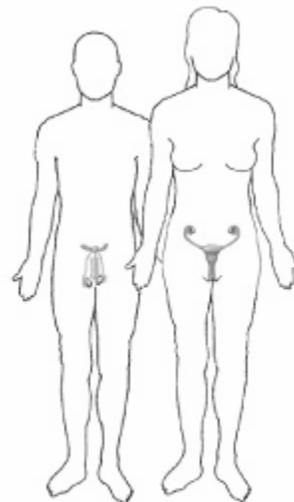
Skeletal system



Nervous system



Endocrine system



Reproductive system

CHAPTER 6	Human Systems Overview Answer Key	BLM 6.0.1A
ANSWER KEY		

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