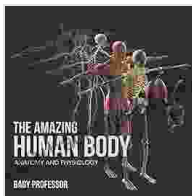


The Amazing Human Body: Anatomy and Physiology

The human body is an amazing machine. It is made up of trillions of cells, each of which has a specific function. These cells work together to form tissues, organs, and systems that perform a variety of tasks, from breathing and digestion to movement and reproduction.

Anatomy

Anatomy is the study of the structure of the human body. It is divided into two main branches: gross anatomy and microscopic anatomy.



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by Baby Professor

★★★★☆ 4.3 out of 5

Language : English

File size : 3825 KB

Screen Reader : Supported

Print length : 42 pages



Gross anatomy is the study of the large structures of the body that can be seen with the naked eye. This includes the bones, muscles, organs, and blood vessels.

Microscopic anatomy is the study of the small structures of the body that can only be seen with a microscope. This includes the cells, tissues, and organs.

Physiology

Physiology is the study of how the human body functions. It is divided into two main branches: human physiology and animal physiology.

Human physiology is the study of how the human body functions. This includes the study of the heart, lungs, kidneys, and other organs.

Animal physiology is the study of how the bodies of animals function. This includes the study of the heart, lungs, kidneys, and other organs of animals.

The Integumentary System

The integumentary system is the outermost layer of the body. It is made up of the skin, hair, nails, and sweat glands. The skin is the largest organ of the body, and it protects the body from the elements, infection, and injury.

The Skeletal System

The skeletal system is made up of the bones of the body. Bones provide support and protection for the body, and they also help to store minerals and produce blood cells.

The Muscular System

The muscular system is made up of the muscles of the body. Muscles allow the body to move, and they also help to protect the body from injury.

The Nervous System

The nervous system is made up of the brain, spinal cord, and nerves. The nervous system controls the body's movements, thoughts, and emotions.

The Endocrine System

The endocrine system is made up of the glands of the body. Glands produce hormones, which are chemicals that regulate the body's functions.

The Cardiovascular System

The cardiovascular system is made up of the heart, blood vessels, and blood. The heart pumps blood throughout the body, and the blood vessels carry blood to and from the heart.

The Respiratory System

The respiratory system is made up of the lungs and airways. The lungs take in oxygen from the air, and the airways carry oxygen to and from the lungs.

The Digestive System

The digestive system is made up of the mouth, esophagus, stomach, small intestine, large intestine, and rectum. The digestive system breaks down food into nutrients that the body can absorb.

The Urinary System

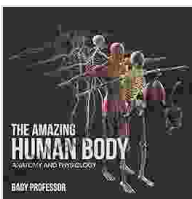
The urinary system is made up of the kidneys, ureters, bladder, and urethra. The kidneys filter waste products from the blood, and the ureters, bladder, and urethra carry urine out of the body.

The Reproductive System

The reproductive system is made up of the organs that produce and transport eggs and sperm. The male reproductive system includes the testes, epididymides, vas deferens, seminal vesicles, prostate gland, and

penis. The female reproductive system includes the ovaries, fallopian tubes, uterus, cervix, and vagina.

The human body is an amazing machine. It is made up of trillions of cells, each of which has a specific function. These cells work together to form tissues, organs, and systems that perform a variety of tasks, from breathing and digestion to movement and reproduction. The human body is a marvel of engineering, and it is capable of amazing things.



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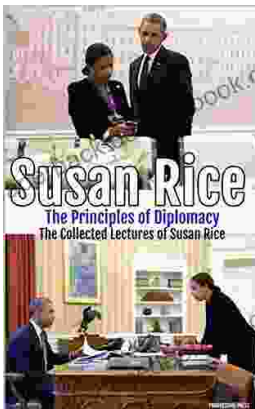
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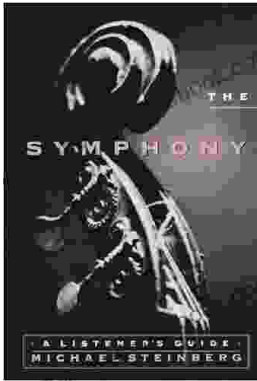
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